SUBJECT INDEX

Number in Parentheses Refers to Month of Issue.

A

AB8 Polymer Plating 56 (4)
Absorption Meter 193 (4)
Absorption Monitor 183 (8)
AC Line Conditioner 182 (7)
AC Power Arresters 150 (12)
AC Power Source 184 (9)
AC Voltage Divider 146 (8)
Acceleration Switch 195 (8)
Accelerometer Calibration-Facility 125 (3)
(article)
Accelerometer System 172 (9)
Accelerometer Tester 170 (11)
Accelerometer, Tri-Axial 224 (6)
Accounting System 138 (8)
Acoustic Microphone 55 (2)
AC-to-DC Converter 186 (10)
AC-DC Converter/Demodulator 145 (7)
ACE-S/C System, The 78 (10)
Acoustic Calibrator 176 (10)
Active RC Networks 77 (6)
Actuators 70 (11)
Adder-Subtractor Module 191 (2)
Adding Machine Recorder 162 (8)
Adding Machine/Tape Punch 235 (6)
A/D Integrator 180 (11)
Adsorber 65 (2)
AEC Standard Instruments 128 (7)
Aerospace Flow Metrology 113 (12)
(article)
Aerospace Tape Recorders 97 (4)
(article)
A. F. Bridge 131 (11)
Air-Air After-Cooler 55 (2)
Aircraft Traffic Counter 218 (9)
Air Dryer, Compressed 154 (3)
Air Dryer Kit 56 (2)
Air Dryers 79 (11)
Air Filter 168 (3)
Air Filter Gages 62 (4)
Air Filters, Dual 161 (1)
Air Flow Testers 131 (12)
Air Line Regulator 162 (10)
Air Mover 151 (1)
Air Purifier 165 (7)
Air Sampler 186 (2)
Airspeed Transducer 153 (10)
Air-Turbulence Transducer 194 (10)
Air Valve 158 (7)
Alarm Receiver 187 (12)
Alarm Telemetering System 145 (3)
Alarm Transmitter 187 (11)
All-Diffused SCRs 183 (2)
Alpha-Numeric Displays 208 (9)
Aluminum Oxide Hygrometer 198 (4)
Ammonia Gage 180 (3)
Amplifier, Airborne Charge 256 (5)
Amplifier, Differential 183 (2)
Amplifier, Galvo-Drive 155 (7)
Amplifier/Oscillator 163 (4)
Amplifier Valve, Fluidic 237 (5)
Amplifier, Wide-Band 139 (1)
Amplifiers, Unity-Gain 193 (3)
Analog and Digital Simulation 123 (1), 131 (2), 133 (3), 177 (5), 165 (6), 135 (8)
Analog Computer Elements 244 (5)
Analog Computer System 180 (2)
Analog Computer, Portable 17 (1)
Analog Computing Instruments 23 (2)
Analog Controller 51 (3)
Analog Digital Converter 151 (7)
Analog Electric Integrator 167 (2)
Analog Integrator 177 (2)
Analog Multiplier 155 (4)
Analog Recorder 169 (4)
Analog Recording System 134 (11)
Analog-Step Translator 182 (11)
Analog Telemetering System 117 (4)
(article)
Analysis of Instrument Functions to Produce Efficient Calibration Systems, An 165 (5)
(article)
Analysis System 156 (12)
Analytical Balance 139 (3)
Analyzer 160 (10)
Anemometer 171 (7)
Angle Position Indicator 205 (6)
Angular Displacement Measurement 204 (10)
Annunciator 166 (11)
Antenna Systems 142 (7)
Area Monitor 159 (3)
Armature Tubing 204 (8)
Artwork Reduction Systems 186 (12)
Assigning Calibration Intervals 113 (1)
(article)
Atmosphere Monitor Accessory 130 (7)
Atomic Time Standards 99 (6)
(article)
Attenuation Field 38 (1)
Attenator 55 (1)
Audio Susceptibility Tester 230 (6)
Auto Safety Tester 172 (11)
Automatic Calibration 141 (1)
Automatic Degausser 130 (12)
Automatic "Seeking"/Programming 260 (5)
Automatic Tape Width Measuring System 113 (4)
(article)
Automatic Weighing System 205 (10)
Automatic Well Testing 161 (5)
(article)
Autometrology 82 (4)
Auxiliary Program Memory 143 (3)

B

Balance 188 (10)
Balanced-Valve Regulator 179 (8)
Balancing Quartz Crystals 101 (6)
(article)
Ball Valves/Operator 200 (6)
Bar Graph Display 192 (2)
Batch-Weighing Control 144 (8)
Batching and Weighing Systems 54 (8)
Battery Back-Up System 128 (1)
Battery Tester 190 (10)
Bearing Temperature Monitor 218 (5)
Bell Jar System 142 (2)
Bellows 138 (3)
Bellows Actuator 56 (1)
Bellows Valve 178 (7)
Belt Feeder 212 (4)
Belt-Scale Integrating System 129 (6)
(article)
Bench Power Supply 204 (10)
Bench Scale System 203 (5)
Better Response from Pressure Transducers 103 (9)
(article)
BIAX Nanolok Memory 64 (7)
Bidirectional Counter 169 (12)
Billing/Accounting Machine 56 (1)
Bi-Metal Thermometer 171 (8)
Bin Diverter 172 (6)
Bin Level Indicator 147 (7)
Binary Counter, Fluidic 160 (1)
Binary-Decimal Converter 155 (7)
Binary Digital Computer 180 (12)
Biocide Injector Unit 175 (3)
Bit Error Rate Monitor 162 (1)
"Bite" for Gyros 141 (5)
(article)
Blackout Control Methods 76 (5)
Block Readers 177 (6)
Booster Pumps 66 (11)
Borescope 181 (4)
Boxcar Integrator 205 (6)
Braid Analyzer 160 (12)
Brazing Furnace 215 (6)
Bridge 225 (6)
Bridge Temperature Recorders 99 (12)
(article)
Bridge Tester 167 (11)
Bulk Erasers 167 (9)
Buoyancy Transmitters 207 (10)
Burner Control 187 (5)
Burner Control System 196 (10)
Bus Transfer Switches 223 (5)

C

Cable Fault Locating 58 (12)
Cable/Harness Tester 210 (5)
Cable Tester 163 (12)
Cables/Connectors 165 (1)
Calculator System 183 (12)
Calibrating Receivers by Impulse Generator 145 (6)
(article)
Calibrating/Temp Measuring Unit 169 (2)
Calibration Solenoid 190 (3)
Calibration Standard 152 (4)
Calibration of Time Bases 52 (12)
Calibration, Test Console 203 (10)
Calibration, by Use 91 (1)
(article)
Calibrator 184 (3)
Calibrator, AC/DC 209 (5)
Calibrator, Spectrum Analyzer 181 (5)
Calorimetry System 150 (8)
Call Totalizer 227 (5)
Cam Checking Machine 237 (6)
Cam Programmer 152 (1)
Camera, High-Speed 179 (2)
Camera, Image-Orthicon TV 158 (1)
Camera, Pin-Registration 177 (7)
Cap Screws 183 (7)
Capacitance Bridge 160 (7)
Capacitance/Inductance Meter 129 (1)
Capacitance Level Detectors 147 (11)
Capacitance Level Switch 194 (2)
Card Counter 195 (5)
Card Edge/Tape Punch 181 (10)
Card Memory Magnetic 238 (5)
Card Programmed Switches 168 (11)
Card Read Unit 231 (5)
Card Reader, Verifier 184 (3)
Card/Tape System 144 (10)
Card-Voice Reader 194 (6)
Carrier Set 183 (7)
Carton Coder 191 (5)
Carton Counter 146 (12)
Cartridge Tape Recorder 145 (8)
Cavitation Intensity Meter 193 (8)
Cavitation Meter 235 (6)
Centerguiding Sensor 202 (6)
Centrifugal Pumps 176 (10)
Cepar Apparatus 188 (11)
Chain Printer 245 (5)
Channel Performance Recorder 161 (3)
Charge Amplifier versus Source Follower 129 (4)
(article)
Charge Sensor 168 (10)
Chart Drive Recorder 236 (5)
Chart Printer Instrument 215 (9)
Chart Programmer 135 (7)
Chart Recorder, Round 204 (5)
Chart Roll Rewinder 144 (3)
Chart Viewer, Scaler 173 (6)
Chemical Feed Pumps 153 (2)
Chloridometer 175 (3)
Chlorinator 168 (6)
Chlorine Analyzer 184 (11)
Chlorine Detector 161 (3)
Chromatography in Refinery 76 (10)
Circular Scale Indicator 165 (3)
Classifier 65 (2)
Classifier/Controller 239 (5)
Clean ID Tubing 213 (4)
Clinometer 142 (12)
Clock-Generator 168 (4)
Clock, Interval Generator 201 (6)
Clock Timer 202 (5)
Closed-Circuit TV 173 (10)
Closed-Circuit TV System 179 (4)
Clutch-Brake Control Systems 126 (7)
Coating Measurement 192 (9)
CO_2 Cooling 137 (5)
(article)
Coil Count/Control 137 (11)
Coil Winder 219 (6)
Coincidence Module 137 (12)
Cold Junction Compensator 171 (7)
College Measurement Science Curriculum, A 121 (8)
(article)
Collimator 214 (9)
Color Analysis Computer 245 (5)
Color-Brightness Tester 146 (3)
Color Control Instrument 61 (2)
Color, Haze Measurement 183 (5)
Colorimeter/Spectrophotometer 176 (7)
Combining Probability Density Functions 141 (9)
(article)
Combustible Gas Alarm 226 (6)
Combustible Gas Analyzer 157 (11)
Command Signal Simulator 171 (6)
Communication Buffer 174 (8)
Communication Equipment 238 (5)
Communication Receiver Terminal 154 (10)
Communications Adapter 202 (10)
Communications/Control System 172 (9)
Communications Systems 156 (10)
Commutators-Multicoders 186 (11)
Comparator 199 (6)
Comparator/Relay 178 (6)
Compensated Recording for Paper Electrophoresis 101 (7)
(article)
Compressor Governor 155 (7)
Computer 181 (3)
Computer-Assisted Instruction System 175 (9)
Computer Card 177 (8)
Computer Control of Stream Analyzers 75 (8)
(article)
Computer-Controlled Display 190 (11)
Computer Controlled Plotting 85 (5)
Computer, General-Purpose 170 (2)
Computer Magnetic Tape Units 48 (2)
Computer-Manual Station 166 (2)
Computer Mass-Memory 244 (5)
Computer Memory 58 (2)
Computer Program 191 (6)
Computer Simulation for Rapid Transit 101 (10)
(article)
Computer Station 192 (11)
Computer System, Industrial 32 (1)
Computer Tape 135 (12)
Computers, Liquid Scintillation 174 (2)
Computers, Time-Sharing 132 (1)
Computing Components 200 (8)
Computing Recorders 171 (3)
Condenser Microphone 196 (10)
Conductance Rate Monitor 183 (3)
Conductivity Bridge, Electrolytic 139 (2)
Conductivity Cell 208 (4)
Conductivity Indicator 182 (6)
Conductivity-Type Hygrometer Has Fast, Continuous Response 95 (1)
(article)
Cone-Plate Viscometer 133 (1)
Consistency Transmitter 156 (9)
Constant Voltage Supply 221 (9)
Contact Making Gage 153 (7)
Contactless Optical Meter-Relay 85 (1)
(article)
Container Counter 219 (6)
Continuous Loop Recorders 101 (4)
(article)
Continuous Synchros Bridge 158 (8)
Continuum Radiation Source 20 (2)
Control Boards, Visual 227 (6)
Control Console/Lighthouse 126 (7)
Control Device, FHP 174 (2)
Control Dials 211 (6)
Control Modules 160 (11)
Control System, Batching 177 (3)
Control System, Chlorine 201 (3)
Control System Components 150 (10)
Control System, Drive 155 (1)
Control System, Dryer 147 (3)
Control System, Industrial 71 (5)
Control System, Numerical 194 (2)
Control System, Programmed 181 (3)
Control System, Remote 56 (3)
Control System, Vibration 23 (2)
Control Systems, Pneumatic 91 (5)
Control Valve, Diaphragm 85 (5)
Control Valve for Erosive Services 99 (3)
(article)
Control Valve, Flow 191 (2)
Controller 186 (9)
Controller-Servoamplifier 162 (3)
Controller Settings from Process Frequency Response 137 (6)
(article)
Controller, Temperature Indicating 160 (1)
Controllers, Step Servo 190 (4)
Controllers, Thyristor Power 238 (5)
Converter Card, A/D 199 (6)
Converter, Demodulators 257 (5)
Converter, Frequency-DC 149 (1)
Converter, Log Voltmeter 174 (4)
Converter, RMS/DC 189 (4)
Converter-Servo 61 (2)
Converter, Synchro-Digital 142 (3)
Converters 220 (9)
Converters, DC-DC 167 (3)
Conveyor Control 189 (11)
Co-Ordinate Measuring 148 (12)
CO_2 Regulator 161 (12)
Cordless Program Matrices 183 (5)
Core Detector System 88 (5)
Core Memories, Magnetic 140 (1)
Core Memory, IC 180 (4)
Core Memory Sense Amplifier 52 (7)
Core Test Jig 183 (4)
Core Testing 56 (12)
Corona Detector 181 (3)
Correlation Computer 216 (9)
Corrosion Monitor 72 (8)
Corrosion Recording 190 (9)
Cost Savings Through On-Site Calibration 119 (7)
(article)
Coulomb Meter 165 (2)
Counter, Bi-Directional 168 (2)
Counter/Display 179 (11)
Counter, Frequency/Event 153 (3)
Counter/Limit Detector 152 (9)
Counter-Programmer 226 (9)
Counter/Totalizer 184 (6)
Counting Knob 193 (6)
Crack Detector/Classifier 212 (6)
Crane Scale 193 (3)
Crank Insulation Tester 163 (4)
Crossbar Multiplexers 182 (8)
CRT Display 202 (4)
CRT Display System 54 (2)
Cryogenic Control 155 (2)
Cryogenic Control Valves 58 (8)
Cryogenic Coupling 177 (3)
Cryogenic Flowmeters 71 (2)
Cryogenic Heat Exchanger 197 (9)
Cryogenic Housing 203 (9)
Cryogenic Pressure Transducer 171 (9)
Cryogenic Switches 185 (2)
Cryosorption Pumps for High Vacuum 115 (9)
(article)
Crystal Chronometer, Programmer 187 (10)
Crystal Structures 76 (4)
Current Amplifier 208 (6)
Current Controller 185 (2)
Current Detector 187 (8)
Current Generator 166 (11)
Current Probe Amplifier 194 (10)
Current Probes 254 (5)
Current Sensing 165 (12)
Current Source 150 (1)
Current Source, DC 198 (5)
Current/Voltage Tester 185 (12)
Curve Following Programmer 221 (9)
Curve Resolver 259 (5)
Curve Tracer 246 (5)
Cycle Counter 217 (9)
Cylinder Actuator 76 (3)

D

Data Acquisition & Reduction 113 (10)
(article)
Data Analyzer System 140 (2)
Data Capture/Transmission System 190 (3)
Data Cartridge Recorder 202 (6)
Data Channel 190 (6)
Data Communication System 182 (2)
Data Communication Terminal 168 (6)
Data-Conditioning Systems 82 (5)
Data Display System 30 (2)
Data Generator 189 (6)
Data Logger 187 (3)
Data Machine 57 (8)
Data Message Composer 213 (9)
Data Processing, Analytical 88 (3)
Data Processing, Pictorial 245 (5)
Data Processing System 180 (10)
Data Processing Units 224 (9)
Data Processor 171 (7)
Data Recorder 167 (4)
Data Sampling/Recording 182 (3)
Data Scanner 214 (9)
Data Sending/Receiving 131 (12)
Data Switch 155 (12)
Data Systems Engineering 66 (12)
Data Transmission 186 (4)
DC to AC Inverters 58 (4)
DC Constant Voltage Source 210 (4)
DC Control/Motor Systems 179 (6)
DC-DC Converter 176 (9)
DC DVM 197 (5)
DC Measurement Facility 134 (1)
DC Meter 145 (11)
DC Millivoltmeter 155 (10)
DC Millivolt Standard 160 (2)
DC Motor Control 127 (7)
DC Standard-Differential Voltmeter 216 (5)
DC Voltage Calibrator 191 (9)
DC Voltage Standard 208 (8)
DC Voltmeter 187 (9)
Dead Weight Machine Control 129 (1)
Dead Weight Tester 215 (9)
Decade Counter 176 (10)
Decade Resistors 207 (8)
Decision Making in Systems Engineering 89 (4)
(article)
Degassers 152 (10)
Delrin® AF Fiber/Resin 26 (2)
Deflection System 187 (2)
Densitrol Density Measurement 81 (8)
(article)
Density Gauge 170 (12)
Density Meter 192 (4)
Deposition System 193 (10)
Depth Recorder 164 (7)
Depth Transducer 204 (5)
Design of an Attitude Control System 119 (4)
(article)
Desk-Top Data Set 199 (8)
Detection, Gas/Vapor 175 (6)
Detector, Hydrogen Content 235 (5)
Detector, Skew Error 156 (1)
Dew-Point Tester 180 (2)
Dial-Pot Combination 146 (2)
Diaphragm Actuators 191 (2)
Diaphragm-Powered Valves 185 (4)
Diaphragm Pumps 145 (8)
Dielectric Constant Measurements by Reflectometer 131 (10)
(article)
Dielectric Generator 233 (6)
Dielectric Tester 179 (11)
Differential Admittance Adapter 203 (6)
Differential Amplifiers, DC 139 (7)
Differential Comparator 140 (1)
Differential DVM 159 (4)
Differential Limiter, Pressure 157 (1)
Differential Measuring System 189 (9)
Differential Plug-In 169 (2)
Differential Pressure Switches 62 (12)
Differential Test Instrument 166 (9)
Differential Voltmeter 183 (10)
Differential Voltmeter/Ratiometer 189 (10)
Differential Wattmeter 202 (4)
Digital Address Selector 175 (4)
Digital Angle Readout 206 (10)
Digital Clock Movement 183 (7)
Digital Code Translator 121 (10)
(article)
Digital Computer System 164 (1)
Digital Control Counter 207 (6)
Digital Controller, Fluidic 49 (1)

INSTRUMENTS and CONTROL SYSTEMS

Published Monthly by Rimbach Publications Division
Chilton Company,
845 Ridge Ave., Pittsburgh, Penna. 15212.

INDEX TO VOLUME 39, 1966

Digital Controllers 76 (11)
Digital Data Logger 191 (5)
Digital Data Reader 169 (10)
Digital Device Controller 184 (4)
Digital Display 159 (12)
Digital Gaussmeter 65 (2)
Digital Incremental Plotter 175 (8)
Digital Indicator 150 (10)
Digital Instruments 80 (11)
Digital Integrator 159 (1)
Digital Measuring System 189 (3)
Digital Micrometer 142 (7)
Digital Panel Meter 183 (6)
Digital Phase Meter 188 (6)
Digital Pulse Generator 183 (11)
Digital Recorder 233 (6)
Digital Repeater 183 (12)
Digital Resolver/Integrator 169 (9)
Digital Scanner 161 (12)
Digital Scanner/Converter 206 (9)
Digital/Shaft Position Converter 144 (10)
Digital Simulation 133 (3)
(article)
Digital Sorting Control 117 (6)
(article)
Digital Spectral Analyzer 192 (9)
Digital Stabilizer 200 (9)
Digital Strain Indicator 188 (6)
Digital Summator 148 (2)
Digital System 177 (6)
Digital Tape Recorder 261 (5)
Digital Tape Transports 71 (8)
Digital Telemetering System 176 (8)
Digital Transmitter 151 (12)
Digital Voltmeter 173 (12)
Digital Voltmeter, Differential 192 (3)
Digitizing 16 (2)
Diode Function Generator 190 (5)
Diplexer 156 (3)
Direct Ratio Readings from a URS 73 (1)
(article)
Direct Recording Papers 79 (7)
(article)
Directional Gyros 86 (9)
Disbond Testing 87 (5)
Disc-Drum Memories 188 (3)
Disc File System 258 (5)
Disc Memory System 187 (1)
Discriminator 184 (6)
Discriminator/Trigger 206 (10)
Disk Files 22 (2)
Disk Storage Drives 204 (10)
Displacement Gas Meters 127 (2)
(article)
Displacement Meter Field Tests 129 (8)
(article)
Displacement Meters 141 (10)
(article)
Display Device 154 (11)
Display/Printer 133 (1)
Display System, Management 201 (5)
Dissolved Oxygen Meter 233 (5)
Distance Measurement With Air-Gap Capacitor 83 (11)
(article)
Distillation System 202 (10)
Double Kelvin Bridge 234 (5)
Drafting System 158 (2)
Draw, Speed Indicating 150 (11)
Drive Unit 168 (10)
Driveless Hubodometer 174 (7)
Driver/Decoder 61 (2)
Drum Programmer, Removable 195 (3)
Dry Calibration Baths 176 (9)
Dryer with After-Warmer 68 (8)
Dual Beam Scope 151 (8)
Dual Function DVM 207 (5)
Duplex Spiral Blower 193 (4)
Dual Slope Digital Meter 84 (10)
Dust Sampler 152 (10)
DVM Accessory 177 (10)
DVM Module 221 (5)
DVM Plug-In 200 (4)
DVM Preamplifier 197 (6)
DVM Range Extender 161 (4)
Dynamic Balancer 226 (5)
Dynamic Control Equipment 68 (4)
Dynamic Range Simulator 58 (12)
Dynamic Testing Unit 148 (3)
Dynamometer, Stick Force 187 (2)

E

Economic-Numerical Control 70 (12)
(article)
Eddy Current Instrument 198 (10)
Eddy Current Testing 140 (7)
Edge Sensor 146 (8)
EDP Program for Establishing Calibration Intervals, An 115 (2)
(article)
Education for Metrology 113 (2)
(article)
Educational Progress in DC Measurement 107 (12)
(article)
Effects of Helium on Incandescent Lamps, The 121 (6)
(article)
Elapsed Time Indicators 182 (8)
Electric Clutch-Brake Control Systems 56 (12)
Electric Counter 156 (2)
Electric Data Recorder 232 (5)
Electric Flux Pump 174 (7)
Electric Heating Cable 82 (4)
Electric Hydraulic Pump Control 158 (1)
Electrical Bench Instruments 84 (10)
Electrical Measurement Standards 59 (1)
(article)
Electrical-Measurements 88 (9)
Electrical Thermometer 164 (9)
Electrical Transmitter 62 (3)
Electro-Conductivity Analyzer 84 (9)
Electrodeposited Copper Foil 70 (4)
Electro-Guard Transformers 168 (6)
Electrohydraulic Actuator 168 (6)
Electromagnetic Flowmeter 214 (9)
Electromagnetic Pickups 125 (6)
(article)
Electromechanical Analyzer 130 (1)
Electro-Mechanical Counter 199 (4)
Electrometer 161 (7)
Electrometer Amplifier 80 (10)
Electrophoretic Instrumentation 78 (4)
Electro-Pneumatic Actuator 65 (11)
Electrosensitive Recording 87 (7)
(article)
Electrostatic Painting 142 (12)
Electrostatic Storage Converter 209 (4)
Electrostatic Voltmeter 225 (9)
Electro-Vacuum Drives 173 (7)
Electron Beam Gun 223 (6)
Electron Probe X-ray Microanalyzer 77 (8)
(article)
Electronic Actuator 183 (9)
Electronic Computing Device 56 (2)
Electronic Control for Processing Corn Syrup 75 (12)
(article)
Electronic Drive Units 160 (11)
Electronic Editor 192 (5)
Electronic Instrumentation 184 (9)
Electronic Level 175 (7)
Electronic Micrometer 219 (9)
Electronic Recorders 76 (6)
Electronic Scanner 167 (4)
Electronic Temp Control 206 (5)
Electronic Thermometer, Hygrometer 166 (7)
Electronic Timer 181 (6)
Electronic Transmissions 155 (10)
Electronic Weighing System 68 (7)
EMF Pickup 157 (5)
(article)
Encoding System 209 (9)
Energy Approach to Combustion Control 107 (7)
(article)
Engine Control 208 (6)
Entrainment Separator 139 (12)
Environment-Proof Switch 150 (3)
Environment Chamber Control 72 (11)
Equalizer/Analyzer 162 (2)
Error Computer 174 (6)
Errors in Humidity Measurements 95 (8)
(article)
Establishing and Meeting Metrology Facility Requirements 102 (1)
(article)
Evaporation Source 145 (12)
"Event Counter" Plug-In 152 (9)
Event Recording 51 (7)
Events Counter 171 (8)
Event Recorders 205 (10)
Excess Flow Valve 204 (9)
Explosion-Proof Housing 140 (8)

F

Facsimile Communication 88 (9)
Facsimile Device 183 (7)
Fan 154 (7)
Feedback Sensor 193 (10)
Feedback Theory 81 (12)
(article)
Feed Control Units 158 (8)
Feedforward Control 107 (9)
(article)
Feedthrough 202 (6)
Ferroelectric Bolometer 140 (2)
FET Buffer Amplifier 205 (9)
Fiber Optics Illuminator 254 (5)
Fiber Optics Photosensor 146 (11)
Filmcard Reader 159 (9)
Film Thickness Monitor 126 (7)
Filter Gage Kit 175 (10)
Filter Phase Comparator 182 (6)
Filter-Regulator 139 (7)
Filter-Regulator-Lubricator 204 (6)
Filter, Self-Tuning 207 (6)
Filter, Silver-Disc 51 (1)
Filters 148 (7)
Fittings System 158 (2)
Flame Monitor 239 (5)
Flat Load Cells 123 (2)
(article)
Float Drain, Automatic 249 (5)
Flow Calibration Stands 185 (7)
Flow Computers 84 (6)
Flow Control Inserts 174 (7)
Flow Control Servovalves 18 (2)
Flow Control Valves 227 (5)
Flow Controller 136 (12)
Flow Controls 87 (4)
Flow Integrator 70 (10)
Flow Measurement by Infrared Tracer 161 (6)
(article)
Flow Meter 153 (12)
Flowmeter Calibrator 148 (3)
Flowmeter, In-Stream 204 (6)
Flowmeter, Mass 192 (3)
Flow Meter Probe 232 (6)
Flowmeter Selector 138 (1)
Flow-Metering System 202 (10)
Flow Monitoring System 146 (3)
f_1 (log f_2) Computer 135 (10)
(article)
Fluid Amplifier 183 (8)
Fluid Amplifier Element 186 (11)
Fluid Analyzer 227 (9)
Fluid Circuitry Fittings 218 (9)
Fluid Filter Ratings 80 (4)
Fluid Flow Switch 185 (6)
Fluid Logic 93 (10)
(article)
Fluid State Diode 155 (8)
Fluidic Air Supply 159 (9)
Fluidic Control System 143 (8)
Fluidic Devices 189 (6)
Fluidic Devices Systems 76 (6)
Fluidic-Electric Switch 168 (2)
Fluidic Elements 138 (8)
Fluidic Logic Controls 196 (5)
Fluidic Systems Laboratory 189 (11)
Fluidics Test Stand 179 (11)
Fluidizing Processor 158 (11)
Flutter Meter 170 (8)
FM-AM Modulation Meter 188 (3)
FM Carrier System 181 (5)
FM Discriminator 151 (8)
Foam Level Control 185 (4)
Foil Strain Gages 160 (12)
Foot-Operated Controls 209 (6)
Force Gages 162 (9)
Force Measuring/Readout System 180 (8)
Force Transducer System 186 (8)
Force Washers 30 (2)
Freight Classification System 166 (10)
Frequency Changers 194 (9)
Frequency Converters 144 (10)
Frequency Distribution Amplifier 219 (6)
Frequency, Field Strength Meter 163 (11)
Frequency Monitor 182 (3)
Frequency Relay 48 (1)
Frequency Response Analyzer 200 (5)
Frequency Standard 138 (11)
Frequency Standard/Timing System 179 (8)
Frequency System 178 (10)
Frequency/Time Interval Meter 185 (11)
Frequency and Time Standards 66 (4)
Frequency to Voltage Converter 137 (11)
Friction Compensators 166 (7)
Function DVM, Dual 191 (4)
Function Generator Plug-In 161 (8)
Function Module 165 (3)
Furnace Control Instrumentation 226 (9)
Furnace Controls 68 (12)
Furnace, Hydrogen-Atmosphere 205 (5)
Furnace, Melting Point 207 (6)
Furnace Profiling System 149 (2)
Fuse Extractor Posts 204 (4)

G

Gaging, Control 177 (7)
Galvanometer 184 (11)
Galvanometer Relays 160 (9)
Galvo Driver 195 (9)
Gas Absorption System 185 (8)
Gas/Air Measurement 189 (8)
Gas Analyzer, Residual 169 (4)
Gas Analyzer, UHV 64 (4)
Gas Elution Analyzer 72 (2)
Gas Flow Computer 198 (10)
Gas Flow Controller 218 (6)
Gas, Fluid Samplers 133 (12)
Gas Leak Detector 170 (12)
Gas Mass-Flow Control 73 (3)
Gas Purged Radiometer 203 (8)
Gas/Vapor Detector 229 (6)
Gauge Movements 192 (9)
Gaussmeter 196 (6)
Gel-Type Tubes 198 (10)
General-Purpose Probe 156 (11)
Generator, Random Noise 195 (2)
Generator, Time-Mark 185 (2)
Generator, VLF Function 158 (4)
Getter-Ion Vacuum Pumps 72 (9)
Graphic-Computer Communication 176 (8)
Graphic Display Systems 62 (7)
Graphic Plotting Module 164 (2)
Graphic Relay 171 (11)
G-Switch 186 (2)
Gyro Drift Monitor 189 (4)

H

Hall Element Package 189 (2)
Hall Multipliers 229 (6)
Hardness Analyzer 152 (3)
Heat-Gun Calibrator 165 (7)
Heat Sensors 208 (4)
Heat Sinks 53 (1)
Heating Cable 74 (5)
Heating Element 80 (5)
Heavy Current Shunt 237 (5)
High Power Steerable Antennas 68 (7)
High-Pressure Globe Valves 56 (4)
High-Pressure Transducer 87 (9)
High Speed Camera 170 (11)
High Speed Recorders 135 (11)
High-Speed Sweep Recording 91 (7)
(article)
High-Speed Recording of Computer Data 97 (7)
(article)
High Vacuum Evaporator 67 (2)
High-Voltage Vacuum Contactors 87 (4)
High-Volume Blower 194 (8)
Horizontal Motors 195 (2)
Hot Box Display System 182 (12)
Hot Wire Anemometer 66 (8)
Humidifier, Infra-Red 165 (7)
Hybrid Computation System 138 (3)
Hybrid Computers 66 (12)
Hybrid Computing Systems 72 (10)
Hydraulic Pumps 174 (7)
Hydrocarbon Vapor Absorption Unit 157 (1)
Hydrogen Generator 158 (7)
Hygrometer, Industrial 181 (4)
Hydrostatic Pressure Tester 139 (11)

I

I/C Logic Modules 223 (9)
IC Tester 192 (11)
Ice Point Reference Unit 132 (7)
Identification System 154 (1)
Identification Unit 213 (9)
Image Converter Cameras 68 (8)
Impact Recording 82 (5)
Impedance-Admittance Meter 191 (3)
Impedance Matching Attenuator 185 (9)
Improved Analog Readout 157 (9)
Improved Resistance Thermometer Bridge 109 (5)
(article)
Impulse Printing Recorder 160 (10)
Incandescent Lamp 259 (5)
Indicating Controller 16 (2)
Indicator, Electronic Reset 158 (3)
Indicator, Recorder 159 (7)
Indicator, Set Point 153 (1)
Induction Heating Unit 193 (10)
Industrial Actuators 140 (7)
Industrial Control Modules 82 (9)
Industrial Hygrometer 182 (3)
Industrial Silencers 176 (4)
Industrial Timers 76 (9)
Inductive Ratio Box 155 (12)
In-Flight Tests 113 (7)
(article)
Information Display, Inquiry 156 (4)
Infrared Camera 166 (10)
Infrared Detectors 24 (2)
Infrared Pyrometers 158 (11)
Infrared Techniques for Light Source Development 91 (11)
(article)
Infrared Temperature Sensing of Transparent Objects 131 (5)
(article)
Infrared Unit 202 (10)
Ink Writing at 100 Inches/Second 83 (7)
(article)
In-Line Generator 146 (11)
Insertion Loss Measurement 133 (7)
Insertion Loss Test Set 170 (8)
Insertion Loss Tester 189 (3)
Inspection Devices 80 (3)
Inspection Unit 168 (10)
Instant Voltage Supply 175 (9)
Instrument Servo, DC 157 (3)
Instrument Springs 123 (9)
(article)
Instrument Systems 196 (5)
Instrument Transformers 129 (7)
Instrumentation Amplifier 134 (7)
Instrumentation/Data Recorder 214 (6)
Instrumentation Recorder/Reproducer 216 (6)
Instrumentation System 207 (5)
Instrumentation Tape 169 (6)
Insulation Test Set 152 (3)
Integral Light Pulsers 78 (4)
Integrated Circuit Reader 198 (5)
Integrating Controller 147 (12)
Interface Equipment for Incremental Recorders 105 (4)
(article)
Interfaced Line Printer 199 (10)
Interferometer 164 (10)
Interval Timer, Preset 152 (1)
Intervalometer 178 (7)
Intrinsic Thermocouple for Fast Response 85 (12)
(article)
Intrinsically Safe Instrumentation 216 (5)
Introduction to pH 68 (12)
Ion Pumps 204 (5)
Ionization Chamber 141 (1)
Ionization Gauge Controller 163 (3)
Iridium Crucible 210 (4)
IR Sample Analyzer 173 (3)
Iso-Elastic Tape Drive 111 (4)
(article)
Isolated Power Supply 170 (9)

J

Jack Panels 179 (8)
Journal of the Precision Measurements Association 101 (1), 113 (2), 119 (3), 123 (4), 165 (5), 145 (6), 115 (7), 121 (8), 137 (9), 131 (10), 109 (11), 107 (12)
Journal of the Southern California Meter Association 119 (1), 127 (2), 129 (3), 139 (4), 161 (5), 161 (6), 107 (7), 129 (8), 147 (9), 141 (10), 117 (11), 113 (12)
Junction Box 220 (5)

K

Kilovolt Divider 209 (4)
Kilovoltmeters 170 (4)
Kilovoltmeters, AC/DC 230 (6)

L

Lab Computing System 166 (4)
Laminar Buss Bar 199 (4)
Laplace Transforms 119 (12)
(article)
Large Dial Indicator 174 (6)
Laser Beam Expander/Filter 156 (8)
Laser Data Compilation 55 (3)
Laser Distance Measurer 192 (6)
Laser Metalworking 26 (1)
Laser System 171 (3)
Laser TV System 180 (6)
Laser Velocimeter 155 (7)
L, C and R Bridge 140 (11)
Leak Detector 157 (12)
Lens-Pinhole Mount 217 (9)
Letter to the Editors 8 (1), 10 (2), 10 (3), 10 (4), 8 (6), 8 (7), 10 (8), 8 (10)
Level Control 171 (7)
Level Control, Cryogenic 72 (2)
Level Control, Proxy 217 (6)
Level Controller 182 (9)
Level Gage 52 (7)
Level Indicator 190 (4)
Level Measurement, Ultrasonic 195 (3)
Level Measuring System 179 (8)
Level Switch, Liquid 56 (1)
Level System 167 (11)
LH_2 Flow by NMR Technique 87 (8)
(article)
Light Box 67 (2)
Light Sources 185 (12)
Limit Bridge 198 (9)
Limit Controller 189 (10)
Limit Switch 174 (10)
Limit Switch, Pneumatic 68 (2)
Linear Actuators 86 (6)
Linear Amplifier 188 (2)
Linear Bridge 179 (9)
Linear Displacement Accessory 135 (1)
Linear Electric Actuator 20 (1)
Linear Gate 155 (3)
Linear Measurement System 168 (6)
Linear Scan Unit 139 (12)
Linear Servo Actuator 178 (2)
Liquid Level Controller 62 (12)
Liquid Level Monitor 181 (4)
Liquid Level Switch 255 (5)
Liquid Nitrogen Control 185 (9)
Liquid Pressure Sensor 62 (8)
Liquid Scintillation Counting System 137 (1)
LN_2 Controller 205 (8)
Load Cell, Indicator 176 (2)
Load Cell System 227 (5)
Load-Cell Test Procedures 85 (2)
(article)
Load Cells, Inductance 82 (3)
Load Controller 161 (4)
Load Washers 52 (2)
Log Amplifier 205 (8)
Log Converter 129 (1)
Log Frequency Converter 211 (4)
Logarithmic Transconductors 163 (11)
Logging System 170 (10)
Logic Assemblies 137 (12)
Logic Laboratory 202 (4)
Logic Module 217 (6)
Logic Modules, Germanium 74 (6)
Loop Tape Recorders 139 (5)
(article)
Low-Flow Rotameter Coefficient 89 (3)
(article)
Low Pressure Controller 172 (8)
Low Temp Blackbody 230 (5)
Low Temperature Processing 186 (12)
Low Temperature Scale 94 (1)
(article)
Lubricant Testing Apparatus 145 (2)
Lubricator 158 (3)

M

Magnetic Flowmeter 172 (7)
Magnetic Particle Testing Units 139 (3)

Magnetic Proximity System 198 (4)
Magnetic Tape 154 (7)
Magnetic Tape Handlers 150 (7)
Magnetic Tape System 157 (7)
Magnometer Probe 140 (3)
Maintenance of Accurate Electrical Measurement 119 (3)
(article)
Maintenance Scheduling by Sequential Testing 123 (8)
(article)
Manometer, Dual Tube 157 (2)
Manometer, Ultra-Sensitive 58 (7)
Marine Data Logger 197 (4)
Mass Comparator 187 (4)
Mass and Force Calibration at NBS 77 (2)
(article)
Mass Spectrometer 64 (11)
Mass Spectrometer Survey 89 (8)
(article)
Mass Spectrum Data System 139 (1)
Matching Strain-Gage Temperature Coefficients 145 (9)
(article)
Material Width Sensing System 167 (9)
Materials Mixer 153 (3)
Materials Test System 181 (7)
Matrix Program Board 162 (7)
Measuring Small Liquid Flows 97 (3)
(article)
Measuring System 220 (9)
Measuring System, Resistance 200 (3)
Measuring Systems, Precision 88 (6)
Measurement of Amplifier Rate Limits 175 (5)
(article)
Measurement Standards Laboratory, Lockheed-California 106 (1)
(article)
Mechanical-Contact Slip Rings 119 (8)
(article)
Mechanical Impedance 78 (10)
Mechanical Variable Drive 56 (7)
Media Conversion Systems 189 (10)
Memory 161 (11)
Memory Control Unit 183 (8)
Memory Discs 141 (12)
Memory Exerciser 160 (4)
Memory Test System 250 (5)
Memory Unit 175 (10)
Mercury Plunger Relay 165 (1)
Mercury Porosimeter 187 (6)
Metal Seal 160 (7)
Metalworking Laser 150 (1)
Meter Calibration System 171 (8)
Meter-Relay Sensors and Control Modes 80 (1)
(article)
Meter Relays 88 (1)
(article)
Meter, SWR 201 (3)
Metered Knobs 175 (9)
Metering Pumps and Liquid Proportioning 119 (1)
(article)
Metering Valve 220 (6)
Metrology Education at High School Level 137 (9)
(article)
Microbalance 144 (10)
Microcircuit Computer 183 (3)
Microcircuit Telemeter 176 (3)
Micro Electrode 178 (2)
Microelectronic Computer 187 (12)
Microfilm Transmitter 211 (6)
Micrologic Buffer Storage 142 (3)
Micromanometer 201 (10)
Micrometer, Volumetric 152 (4)
Microminiature Transformer 208 (8)
Micropower Logic Circuits 101 (8)
(article)
Micro Pulser 178 (7)
Microreproduction System 193 (10)
Microvolt-Ammeter 162 (12)
Microvolt-Ammeter, DC 189 (6)
Microwave Interferometer 72 (2)
Microwave Measurement Systems 135 (7)
Microwave Measuring Counters 169 (7)
Microwave Parametric Amplifiers 147 (6)
(article)
Microwave Power 62 (7)
Microwave Power Sources 72 (6)
Microwave Receiver 195 (5)
Microwave Relay System 177 (8)
Microwave RF Equipment 154 (2)
Microwave Spectrum Analyzer 205 (5)
Microwave Systems, Remote Control for 71 (5)
Milliohmmeter, Precision 71 (9)
Millivolt Calibrators 167 (3)
Millivolt-Voltmeter 151 (2)
Millivoltmeter 163 (12)
Miniaturized Valves 182 (11)
Mixed-Level Matrix 190 (10)
MNR Instruments 155 (11)
Modular Amplifier System 174 (6)
Modular Chlorination Systems 206 (10)
Modular Enclosures 74 (11)
Modular Function Generator 213 (9)
Modular Program Board 205 (8)
Modulating Electric Control Devices 105 (3)
(article)
Moisture Analyzer 197 (4)
Moisture Analyzer, Portable 192 (4)
Molecular Model Kits 196 (2)
Molecular Pumping for Ultra High Vacuums 105 (7)
(article)
Molecular Stills 210 (4)
Moment of Inertia System 85 (11)
(article)
Momentary Contact Valves 184 (11)
Monitor-Control Module 186 (10)
Monitor, Print-Out Units 190 (5)
Monitor System 145 (12)
Monitoring Controllers 87 (9)
Monitors, TV 166 (2)
Monochromator Test Console 165 (11)
Monochromators, Grating 58 (7)
Monolithic IC Computers 176 (6)
Motor Control, Protection 135 (11)
Motor Protection Relay 213 (6)
Motor Speed Control 150 (11)
Motor Test Device 162 (8)
Motors 201 (5)
Motors, Clutches 161 (8)
Motorized-Potentiometer Systems 164 (3)
Multianalyzer 192 (5)
Multichannel Digitizer 242 (5)
Multimeter 58 (2)
Multimeter Controller 153 (9)
Multiple Alarm 61 (2)
Multiple Control System 170 (10)
Multiplexers and Input Amplifiers 62 (8)
Multiple-Program Repeater 215 (4)
Multiplier-Divider 224 (5)
Multiplying Elements 160 (7)
Multirange Instrument 207 (9)
Multiverter 74 (10)
MV/I Converter 163 (11)
MV/T-C Transmitters 191 (6)

N

National Metrology Survey 115 (7)
(article)
NBS Facility, New 111 (10)
(article)
Network Switching, Balancing 180 (7)
Neutron Detector 163 (10)
Neutron Dosimeter 156 (10)
New Concepts in Gas Measurement Engineering 117 (11)
(article)
New Pulse, The 109 (11)
(article)
Noise in Low-Level Measurement 64 (8)
Noise Rejection 88 (5)
Noise Rejection in an Integrating DVM 91 (12)
(article)
Noise Reduction by Isolation 109 (2)
(article)
Non-Contact Sensing 142 (1)
NOx Analyzer 194 (9)
Nuclear Beta Gages 237 (6)
Nuclear Gamma Switch 191 (9)
Nuclear Level Gaging 115 (3)
(article)
Nuclear Measurement System 187 (12)
Nuclear Power Generators 168 (10)
Nucleonic Instrumentation 54 (12)
Null Detector/Microvoltmeter 155 (3)
Numerical Control 177 (10)
Numerical Methods 123 (1)
(article)
Numerical Measurement 217 (9)
Nylon Tubing 144 (8)

O

Ohmmeter 174 (9)
Oil Bath 206 (9)
Oil Seal Testing Unit 187 (2)
Operational Amplifiers, IC 157 (2)
Operational Amplifiers, Test Procedures for Differential 26 (2)
Operations Analyzer 236 (6)
Optical Diffraction Velocimeter 99 (2)
(article)
Optical Flatness Measurement 123 (6)
(article)
Optical Isolator 57 (1)
Optical Mark Reader 188 (5)
Optical Reader 140 (12)
Optimizing Square-Root Computation 137 (10)
(article)
Ordering/Billing System 143 (8)
Ore Pelletizing Console 177 (3)
Orifice Plate 171 (9)
Oscillator 176 (10)
Oscillator, Solid-State 208 (9)
Oscillators, Standard 218 (5)
Oscillograph 138 (8)
Oscilloscope 138 (3)
Oscilloscope Amplifier 159 (10)
Oscilloscope Camera 187 (3)
Oscilloscope, DC 193 (5)
Oscilloscope, Dual-Beam 193 (5)
Oscilloscope, Monitor 164 (3)
Oscilloscope Plug-In 160 (12)
Oscilloscope, Systems Test 187 (5)
Oscilloscope, Variable-Persistence 178 (6)
Output Switches 164 (9)
Overenergization Control 174 (12)
Over/Underspeed Monitors 58 (8)
Oxygen Analyzers 147 (12)
Oxygen Control System 212 (5)
Oxygen Meter 143 (12)
Oxygen Regulator Test Stand 206 (8)

P

Packaged System 159 (9)
Panelboards 138 (12)
Panel Meter 234 (5), 135 (7)
Paper Analyzer 184 (8)
Paper Tape Punch 145 (3)
Paper Tape Punch/Reader 148 (1), 182 (7)
Paper Tape Reader 236 (5)
Paper Tape Reader/Reeler 176 (6), 157 (7)
Paper Tape Spooler 221 (9)
Parachute Test Vehicle 194 (8)
Parallel Printer 159 (7)
Parallel to Serial Data Conversion 60 (7)
Particle Counter 144 (11)
Pattern Recognizer 240 (5)
PCM Bit Synchronizer 158 (7), 173 (12)
PCM Bit Synchronizer Analyzer 113 (6)
(article)
PCM Processing System 184 (7)
PCM Signal Conditioner 182 (8)
PCM Signal Simulator 174 (3)
Peak Holding Amplifier 146 (7)
Peak Load Indictor 26 (1)
Pens, Ink, Charts 70 (11)
Percent Deviation Meter 202 (9)
Percentage Timers 165 (10)
Perforator Tape 174 (11)
Permeability Tester 97 (8)
(article)
Permeability Tester 152 (4)
pH Meter 228 (5)
pH Measurement and Control 78 (6)
pH Meter/Controller 182 (8)
pH Probe Unit 156 (3)
pH Switch Unit 138 (3)
Phase/Amplitude Receiving System 144 (3)
Phase Comparator 206 (8)
Phase-Lock Loops in Space Communications 131 (9)
(article)
Phase-Lock Receiving System 198 (8)
Phase Measurement 167 (3)
Phase Meter 149 (2), 197 (3)
Phase-Sensitive Voltmeters 68 (11)
Phase Separator Using Feedback Techniques 143 (5)
(article)
Phase Sequence Indicator 202 (9), 185 (10)
Photo Image Retrieval 184 (7)
Photoelectric Controls 22 (1)
Photoelectric Controls, Infrared 19 (1)
Photoelectric Controls, Tubular 30 (1)
Photoelectric Counters 194 (5)
Photoelectric Keyboard 184 (12)
Photoelectric Sensing Systems 168 (2)
Photoelectric Transducers 111 (3)
(article)
Photoelectronic Measurement of Vibration Displacement 141 (6)
(article)
Photographic Data Recorder 95 (7)
(article)
Photographic Pyrometer 186 (9)
Photometer 172 (2), 168 (12)
Photometric Analyzer 90 (6), 208 (9)
Photon Computer 163 (7)
Photo Pickup 141 (11), 179 (12)
Pictorial Digitizer 62 (4)
Pictorial Information Digitizer 149 (10)
Piezoelectric Accelerometers 60 (12)
Pilot Light Option Timers 214 (4)
Pilot Operated Valves 227 (9)
Pilot Positioner 80 (10)
Pipeline Meters 193 (6)
Pipeline Telemetering System 107 (6)
(article)
Pistol Thermometer 173 (8)
Plastic Hardness Tester 217 (5)
Plotter 225 (9)
Plotter-Printer 188 (2)
Plotting Systems 47 (1), 184 (2)
Plugboard Programming Systems 227 (6)
Plug-In Adapters 148 (11)
Plug-In Converter 154 (12)
Plug-In DVM Module 220 (5)
Plug-In Units 163 (2)
Pneumatic Actuators 196 (3)
Pneumatic Amplifier 148 (10)
Pneumatic Calibration System 224 (9)
Pneumatic Control 80 (9)
Pneumatic Cylinder Operators 166 (1)
Pneumatic/Hydraulic Actuator 190 (6), 159 (7)
Pneumatic-Hydraulic Controller 209 (4)
Pneumatic Logic 176 (6)
Pneumatic Manifold 172 (10)
Pneumatic Reciprocator 224 (6)
Pneumatic Regulators 226 (6)
Pneumatic Scanner 184 (2)
Pocket Thermometers 180 (9)
Point Plotting Recorder 241, 251 (5)
Polar Relays 204 (5)
Polarographic Analyzer 160 (2)
Polarography System 150 (2)
Polyacrylamide Gel Electrophoresis 44 (1)
Porosimeter 184 (5), 207 (8)
Positemp Thermistors 152 (11)
Position Readout Systems 159 (7)
Position Transducer 161 (10), 152 (12)
Position Transmitter 183 (2)
Positioning Tables 154 (7)
Positive-Displacement Meter 182 (2)
Potential Divider 50 (1)
Potentiometer 181 (12)
Potentiometer, Laboratory 54 (2)
Potentiometric Measurement 194 (4)
Potentiometric Resistance Measurement 127 (5)
(article)
Potentiometric Transducer 176 (7)
Potted Coil 180 (9)
Power Amplifier, TWT 197 (3)
Power Conditioners 176 (3)
Power Contactors, Interlocked 212 (6)
Power Control System 161 (7)
Power Controllers 198 (5), 164 (8)
Power Meter 193 (11)
Power Modules 162 (2)
Power Packs 131 (1)
Power Pumps, Hydraulic 127 (7)
Power Regulators 187 (6)
Power Signal Generator 149 (11)
Power Source 164 (9)
Power Supplies, AC 182 (4)
Power Supplies, DC/AC 150 (2)
Power Supply-Demodulator 177 (9)
Power Supply, Dual 140 (1)
Power Supply, Frequency 232 (5)
Power Supply, Ion Pump 234 (6)
Power Systems, AC 67 (2)
Power Transistors 204 (4)
Power Track Cable Carrier 36 (1)
Practical Valve Sizing 101 (3)
(article)
Preamplifier 148 (2)
Precision Bellows Assemblies 60 (8)
Precision Encoder 169 (12)
Precision Metering Valves 165 (12)
Precision Pressure Measurement 91 (9)
(article)
Precision Resistance Ratio Bridge 117 (5)
(article)
Precision Switches 185 (8)
Precision Thermostat 154 (9)
Predetermining Counter 189 (8)
Pre-Flight Checker 188 (4)
Preparative Electrophoretic Separator 146 (2)
Prescaler 166 (9)
Preset Counter, Universal 235 (6)
Preset Digital Clock 175 (8)
Pressing/Staking Machine 193 (8)
Pressure Accessory 153 (1)
Pressure Cell 141 (12)
Pressure Console, Diff 141 (3)
Pressure Control System 138 (3)
Pressure Diaphragms 184 (4)
Pressure-Flow Instrument 173 (12)
Pressure Intensifier 198 (6)
Pressure Limiting Valve 161 (11)
Pressure Measurement in a Closed Vessel 127 (3)
(article)
Pressure Regulating Station Design 147 (9)
(article)
Pressure Regulators 143 (12)
Pressure Sensing in Severe Environments 101 (9)
(article)
Pressure Sequence Switches 218 (6)
Pressure Standard 163 (12)
Pressure Switches, Diff. 147 (7)
Pressure-Temp Switches 153 (4)
Pressure-Temperature Transducers 228 (6)
Pressure Test Equipment 157 (8)
Pressure Tester 191 (4)
Pressure Transducer Calibration 150 (7)
Pressure Transducers 55, 154, 167, 174, 187 (2), 140, 141, 154, 162, 179 (3), 152 (4), 207, 214, 238, 246 (5), 194, 233, 151, 161, 163 (6), 164 (7), 138, 157, 166, 168, 174, 178, 186 (8), 154, 174, 191, 193, 188, 203, 219, 226 (9), 178, 201 (10), 144, 164, 181 (11), 144, 148, 162, 175, 176 (12)
Pressure Transmitter 220 (9)
Pressure Transmitters, Electronic 64 (7)
Pressure Valve 151 (3)
Pressure Volume Control 181 (9)
Print Station 149 (7)
Printed Circuit Board Design 64 (4)
Printer-Module 181 (8)
Printer System 158 (2), 183 (12)
Printing Counters 196 (3)
Printweigher 236 (6)
Problems in Flow Measurement 129 (3)
(article)
Process Chillers 161 (2)
Process Control Circuits 60 (8)
Process Control Stations 74 (5)
Process Control System 236 (6)
Process Flow Illumination 161 (9)
Process Liquids Monitor 161 (7)
Production Process Simulation 127 (11)
(article)
Production-Pump 199 (8)
Profilograph 152 (9)
Program Boards 174 (2), 172 (3), 169, 214 (4), 173 (7), 195 (9)
Program Boards, Matrix 163 (1), 166 (4)
Program Boards, Recessed 173 (4)
Program Controller 206 (4)
Program Matrix 173 (9)
Programmable Signal Standard 189 (9)
Programmed Controller 150 (7)
Programmed Flow 190 (2)
Programmer 154 (1), 58 (2), 159 (3), 188 (3), 164, 206, 213 (4), 193 (6), 173 (8), 188 (10), 140, 183 (11)
Programmer, Linear Temp 158 (3)
Programming Switches 151 (1), 144 (3), 56 (4) 181 (10)
Programming System 178 (8)
Programming Unit 190 (3)
Projected OpticMeter 144 (11)
Propeller Pump 159 (11)
Proportional Gas Mixer 152 (11)
Proportional Temp Controller 238 (6)
Proportioning Temperature Controllers 127 (6)
(article)
Proposed Flow Calibration Facility 85 (3)
(article)
Prospects for Fluidics 91 (10)
(article)
Protective Relay 74 (11)
Proximity Counter/Switch 168 (8)
Proximity Switch 56 (7)
Psychrometer 182 (10)
Psychrometric Graph 203 (4)
PT Thermometers 188 (8)
Pulsation Pump 52 (1)
Pulsation Snubber 227 (9)
Pulse Amplifier 150 (11)
Pulse Code Modulation System 46 (1)
Pulse-Code Telemetering 51 (2)
Pulse Generator, Current 228 (6)
Pulse Generator, Programmable 130 (12)
Pulse Generator, Rotary 208 (4), 211 (5)
Pulse Height Analyzer 186 (4)
Pulser 170 (7)
Pump 189 (8)
Pump Drive System 62 (3)
Punch Coupler 191 (11)
Punched Card Computer 188 (8)
Punched Card Equipment 154 (10)
Punched Card Programmer 235 (5)
Punched Card Reader 215 (6)
Punched Card Sensors 165 (2), 200 (5) 131 (7), 201 (9)
Punched Splicing Tape 171 (2)
Punched Tape Programmers 201 (6)
Punched Tape Reader 230 (5)
Push Button Switch, Fluidic 137 (2)
Pyrometer 184 (8)
Pyrometer, Portable 154 (4)
Pyrometers 119 (9)
(article)

Q

Quick-Disconnect 220 (6)

R

Radar Control System 141 (1)
Radar Velocimeter 139 (11)
Radiation Exposure Measurement 154 (1)
Radiation Meter 151 (11)
Radiation Source 154 (12)
Radio Control System 191 (6)
Radio Telemetry 223 (6)
Radiochromatogram Scanner 166 (3)
Radiometer, Solar 186 (4)
Radiometer/Spectroradiometer 131 (11)
Random/Sine Vibration System 224 (5)
Range Restorer 168 (11)
Ratemeter 184 (10)
Rate-Time Programmer 177 (10)
Ratio Detector 231 (5)
Ratio Pyrometer 145 (3)
Ratio Recording System 170 (9)
Ratio Set 191 (1)
Ratio Set, Double 156 (1)
Ratio Transformer, Decade 146 (2)
Ratiometric DC Calibration Technique 67 (1)
(article)
Ratiometric System 242 (5)
RC Timers 95 (6)
(article)
Reader/Spooler 57 (1)
Readout Panels 75 (4)
Readout Switches 182 (10)
Readout System 49 (1)
Real-Time Computer 64 (12)
Rear Projection Viewer 189 (8)
Receiver 164 (11)
Receivers, AM 171 (4)
Reciprocating Valve 202 (8)
Record/Reproduce System 194 (4)

Recorder Calibrator 190 (11)
Recorder, Curve-Follower 169 (6)
Recorder, DC 178 (3)
Recorder, Direct-Writing 184 (2)
Recorder, Dual-Channel 145 (2)
Recorder, Extended-View 152 (7)
Recorder Input Filters 153 (9)
Recorder Pen Kit 249 (5)
Recorder, Performance 155 (2)
Recorder Range Extender 172 (11)
Recorder, Real-Time 61 (3)
Recorder/Reproducer 210 (4), 169, 182 (7), 74, 206 (10), 131 (11)
Recorder, Servo-Chart 151 (7)
Recorder Survey 71 (7) (article)
Recorder, Thermal Writing 46 (1)
Recorder, Two-Channel 158 (4)
Recorder, Universal 203 (5)
Recorder, Videotape 177 (6)
Recorders 194 (4)
Recorders, Satellite 190 (5)
Recording Counters 155 (1)
Recording Electrolytic Titrator 127 (1)
Recording Membrane Osmometers 253 (5)
Recording Oscillograph 138 (12)
Recording pH Meter 256 (5)
Recording System 152 (2), 243 (5), 157 (7), 156 (12)
Recording System, HF 187 (3)
Recording System, Videotape 154 (1)
Recording Techniques, New 78 (6)
Rectilinear Recorder 92 (6)
Recycling Sequence Programmer 179 (9)
Reducing Valve 163 (8)
Reed Switch Module 132 (12)
Reed Switch Test Kit 169 (8)
Reels 161 (10)
Reflex Klystron 209 (8)
Refrigeration System 147 (2)
Refrigeration Unit 216 (6)
Refrigerator, Air-Operated 148 (3)
Regulator 168 (4), 177 (11)
Regulator, Adjustable 210 (5)
Regulator, Pneumatic 172 (2)
Relay 175 (12)
Relay Amplifier Switch 160 (10)
Relay Timer 206 (6)
Relays, Mercury Plunger 188 (2)
Relief Valves 185 (9), 179 (10)
Remote Alarm 190 (4)
Remote Clock Indicator 194 (3)
Remote Control 178 (11)
Remote Control Braking 237 (6)
Remote Interface Monitor 133 (6) (article)
Remote Rotary Actuator 171 (10)
Remote Station 258 (5)
Repeat Cycle Timers 237 (6), 189 (8), 204 (9)
Research Furnace 177 (2)
Reset Timers 159 (7)
Residual Gas Analyzer 206 (4), 54 (8), 82 (10)
Resistance Box 179 (8)
Resistance Bridge 132 (1)
Resistance Bridge Extender 177 (6)
Resistance Comparison Bridge 163 (2)
Resistance Measuring System 201 (4), 244 (5), 222 (9)
Resistance Temp Detector 143 (3), 130 (7)
Resistance Thermometer Bridge 206 (6)
Resistance Thermometer Insets 137 (7)
Resistance Thermometers 117 (10) (article)
Resistive Temperature Tester 170 (12)
Resistivity Meter 196 (6), 152 (9)
Reverse Phase Voltage Relay 72 (11)
Revolution Indicator 182 (2)
RF Calorimeter 231 (6), 71 (8)
RF Ratiometer 173 (10)
RF Switch 203 (4)
RFI/EMC Instrumentation 235 (5)
RFI Meter 197 (5)
RFI Meter, Portable 183 (3)
RH Indicator 174 (10)
Ribbon Thermocouples in the 3000° to 5000°F Range 93 (5) (article)
Ring Balance Meter 167 (1)
Ring Force Gages 175 (3)
Road-Vehicle Communications 223 (9)
Rotameter Kits 68 (2)
Rotary Actuator 175 (2)
Rotary Calculators 165 (7)
Rotary Signal Generators 80 (3)
Rotary Transducer 176 (10)
Rotary Valve Drive 134 (11)
Rotating Unions 84 (9)
Rupture Disc 233 (5)

S

Safety Control 188 (11)
Safety Heads 231 (6)
Sample, Hold Accessory 184 (6)
Sample, Hold Amplifier 177 (4)
Sample, Hold/Switched Integrator 184 (4)
Sample Receptacle 172 (7)
Sampling Oscilloscope 237 (10)
Sampling Recorder 184 (7)
Sampling System 54 (1), 131 (7)
Satellite Recorders 196 (10), 132 (11)
Saturn IB/V Instrument Unit 103 (6) (article)
Scaler, Timer/Scaler 164 (8)
Scanned Program Boards 200 (9)
Scanner, Converter 146 (12)
Scanners 155 (4), 228 (6)
Scanning Interferometer 159 (9)
Scanning Receivers 159 (3), 187 (11)
Schering Bridge 191 (4)
Scintillation Counter 132 (12)
Scintillation Flow Monitor 156 (7)
SCR Controller 180 (8)
SCR Drive 177 (11)
SCR Power Control 187 (11)
SCR Power Systems 216 (9)
SCR Tracing Controllers 168 (12)
Screw Connector, T/C 162 (4)
Sealed Flashers 204 (4)
Sealed Pushbuttons 227 (5)
Sealed Switches 192 (6)
Sealed Timers 210 (5)
Secondary Transfer Stand 197 (10)
Second-Order System with Time-Varying Damping Factor, A 135 (8) (article)
Seismic Recording 157 (4)
Selecting Springs for Control Valves 125 (16) (article)
Selective Voltmeters 171 (7)
Self-Calibration of Potentiometers and Volt Ratio Boxes 121 (5) (article)
Self-Lubricated Bearing Compounds 75 (4)
Self-Tuning Filter 174 (8)
Semiconductor Analyzer 177 (2)
Semiconductor Detectors 130 (7)
Send/Receive System 72 (5)
Sensing Element 156 (10)
Sensing Head 178 (12)
Sequence Programming Unit 192 (9)
Sequencers 151 (3)
Sequential Interval Timer 182 (6)
Sequential Selector 158 (4)
Sequential Switches 144 (8)
Serial Entry Printer 154 (3), 162 (7)
Serial Matrix Printer 239 (6)
Serial Printer 186 (6)
Servo Amplifier 200 (6)
Servo Analyzer 49 (1), 231 (6), 157 (9)
Servo Control Unit 260 (5)
Servocontroller 194 (5)
Servo/Differential 163 (7)
Servo Drives 170 (7)
Servo Graphic Recorder 184 (8)
Servomanometers 199 (5), 71 (9)
Servo Position Controllers 171 (4)
Servo Recorder 210 (9)
Servo Thrust Control 198 (9)
Servovalve 236 (5), 58 (11)
Shaft-Angle Encoder 86 (9)
Shaft Angle Encoders, Encoders Command Servo, Optical 17 (1)
Shaft Angle Transducer 188 (5)
Shaft Encoder 190 (2)
Shaft Encoding System 146 (3)
Shaft Position Indicator 176 (7)
Sheet Length Indicator 150 (3)
Shielded Chamber 206 (8)
Shipboard Recorder 157 (9), 170 (12)
Shock Recorder 150 (12)
Should A Control Valve Leak? 111 (8) (article)
Shrinkage Tester 188 (8)
Shunt Calibration of Strain Gage Transducers 131 (4) (article)
Shut-Off Valve 152, 178 (12)
Signal Averaging System 196 (8)
Signal Conditioner 151, 174 (2), 170, 175 (7), 198 (8), 152, 159 (10)
Signal Conditioner, Analog 151 (1)
Signal Conditioner, PCM 133 (1)
Signal Converter 186 (5)
Signal Generator, Optical 20 (1)
Signal Generator Synchronizer 134 (7)
Signal Generators 141 (12)
Signal Information Transformers 209 (4)
Signal Level Controller 191 (5)
Signal Operated Relay 172 (2)
Sight Flow Indicator 149 (12)
Simulating Mathieu's Equation 131 (2) (article)
Simulation of Laplace Transformation 123 (7) (article)
Simulation of Tunnel-Diode Switching Circuit 117 (4) (article)
Sine-Square Wave Generator 144 (7)
Single Blend Station 159 (8)
Single-Cell Differential Thermal Analysis 103 (3) (article)
Skew 52 (12)
Slide Table, Indexing 166 (4)
Slotted Section, Probe Carriage, Probe 217 (9)
Small Scale Computer 157 (7)
Smoke/Dust Density Recorder 191 (3)
Snap-Switch Relay 136 (7)
Snap Switches 138 (3)
SO_2 Analyzer 215 (9)
Sodium Analyzer 181 (2)
Software Package 220 (9)
Soil Cell Indicator 165 (8)
Soldering System 177 (8)
Solenoid 162 (9)
Solenoid, U-Frame 52 (1)
Solenoid Valve Option 151 (8)
Solenoid Valve Test Stand 147 (8)
Solid Front Safety Gauge 70 (10)
Solid-State Counter 216 (9)
Solid-State DC/AC Inverters 82 (9)
Solid-State Delay Devices 84 (4)
Solid-State Phenomena in Control 149 (5) (article)
Solid-State Relay 171 (10)
Solid-State Scope 162 (9)
Solution Meter 183 (6)
Solutions of Nonlinear Differential Equations by Transformation of Variable 177 (5) (article)
Sonic Amplifier 156 (10)
Sound/Pressure Measurement 180 (7)
Sound Spectrograph 140 (11)
Space Docking Simulator 229 (6)
Space Saving Gauge 163 (8)
"Space Walk" Maneuvers 232 (5)
Spacecraft Tape Recorders 92 (2) (article)
Specific-Gravity Balance 170 (2)
Spectral Contour Plotter 109 (8) (article)
Spectrometer 186 (6), 178 (7)
Spectrometer, Resonance 156 (2)
Spectrometer System, Beta-Ray 187 (4)
Spectrometer, X-Ray 181 (6)
Spectrophotographer 153 (4)
Spectrophotometer, Automatic 168 (4)
Spectrophotometer Data Processor 78 (3)
Spectrophotometer, Grating 185 (2)
Spectrophotometer, Infrared 206 (5)
Spectrophotometer, Manual 160 (3), 89 (6)
Spectroradiometer 222 (9)
Spectrum Analyzer 189 (3), 153, 205 (10), 165 (11)
Spectrum Analyzer Module 173 (4)
Spectrum Analyzer Plug-In 142 (1)
Spectrum Digitizer 181 (8)
Spectrum Display Unit 185 (7)
Spectrum Stabilizer 166 (8)
Speed Changers, Variable 44 (2)
Speed Drives, Adjustable 126 (7)
Spinner Magnetometer 221 (9)
Split-Level Matrix Board 212 (5)
Split Phase Motors 207 (8)
Sputtering Unit 131 (1)
Square Root Extractor 219 (9)
Square Root Recorder 198 (10)
Square Root Transmitter 175 (8)
Squarewave Generator 54 (2)
SST Engine Accessories 166 (8)
Stainless Tubing 194 (5)
Standard Cell Comparator 166 (2)
Standard Frequency Transmission Over Telephone Line 123 (4) (article)
Standard Resistors 176 (8)
Standard Response Indicator 183 (12)
Standby Power 135 (6) (article)
Standing Wave Ratio Indicator 56 (4)
Starter Enclosure 199 (9)
Static Card Reader 178 (9)
Static Monitor 173 (4)
Static Overcurrent Relays 138 (7)
Static Slasher
Steam-Jet Vacuum Measurement 127 (9) (article)
Step Controller 117 (8) (article)
Step-Pressure Transducer Calibrator 97 (9) (article)
Stepper Current Control 170 (3)
Stepper Drive 188 (9)
Stepper Motor Control 160 (7)
Stepper Motors 68 (4)
Stepper Motors & Step Servos 84 (6)
Stepping Switch 52 (12)
Stepping Switch Scanner 133 (1)
Stiffness Measurement 159 (4)
Storage Device 225 (5)
Storage Drum, Magnetic 19 (1)
Storage System 80 (5)
Store, Forward System 203 (10)
Strain Gage Amplifier 166 (12)
Strain Gage Applications 30 (1)
Strain Gage Extensometers 132 (7)
Strain Gage Indicator 147 (2)
Strain Gage Readings 116 (1), 123 (2), 127 (3), 131 (4), 157 (5), 157 (6), 113 (7), 119 (8), 145 (9), 121 (11), 124 (12)
Strain Gage Readout Meter 157 (12)
Strain Gage Signal Conditioners 207 (4)
Strain Gage, Static 139 (2)
Strain Gage Transducer 173 (7)
Strain Gage Transmitter 181 (8)
Strain Gages 201 (8)
Strain Gages for Cryogenic Use 116 (1) (article)
Strain Gages, Weldable 32 (1)
Strain Rate Tester 180 (4)
Strain Telemetry 179 (9)
Strain Transducer 230 (5)
Strip Chart Device 194 (10)
Strip Thickness Gage 213 (6)
Stroke Positioner 207 (10)
Stroke Writers 158 (8)
Subtimator, Control Unit 183 (8)
Substitution Receiver 75 (6)
Sulfur Dioxide Analyzer/Recorder 57 (1)
Summatic Integrator 75 (6)
Summing Amplifier 201 (10)
Summing-Selector Cell System 180 (4)
Supervisory Control System 58 (11)
Supervisory Equipment 82 (10)
Surface Measurement Drive Unit 154 (7)
Surface Measuring System 143 (8)
Surface Mounting Bracket 170 (6)
Surface Sensor 175 (6)
Surface-Temperature Distribution by Infrared Photography 107 (5) (article)
Surface Tension Meter 54 (2)
Swept Slotted Line System 225 (9)
Switch Caps 161 (11)
Switchboard Instrumentation 156 (7)
Switches 177 (9)
Switches, Thermal 17 (1)
Switching Programmer 161 (9)
Switching System, TV 178 (6)
Swivel Joints 189 (9)
SWR and Transfer Characteristic Meter 89 (6)
Sync Generator 167 (2)
Sync/Signal Conditioner 149 (8)
Synchro-Digital Converters 228 (5)
Synchronization System 173 (7)
Synchronizer/Signal Conditioner 236 (6)
Synchronous Inverter 182 (9)
Synchronous Motors 173 (9)
Synchros 91 (5)
Synthesizers 183 (6)
System Interface Units 68 (11)
System Computer 46 (1)
System Power Supplies 147 (11)
System Status Units 251 (5)
Systems Simulation 82 (3)

T

Tachometer 206 (4), 201 (8)
Tachometer Generator 52 (3)
Tachometer, Hand 199 (3)
Tank Gauge 177 (7), 89 (9)
Tank Level In Space 95 (2) (article)
Tank Weighing by Load Cells 88 (2) (article)
Tape Conversion, Document— 161 (4)
Tape Developer 147 (7)
Tape Editing Punch 177 (12)
Tape Intercoupler, Magnetic 163 (1)
Tape Loop 246 (5)
Tape Memory Systems 190 (11)
Tape/Phono Preamplifier 148 (7)
Tape Preparation System 142 (12)
Tape/Programmed Audio/Visual Production 101 (12) (article)
Tape Punch Buffers 126 (7)
Tape Punch Mechanism 252 (5)
Tape Punch/Reader 170 (2)
Tape Puncher 196 (8)
Tape Reader Mechanism 184 (5)
Tape Readers, Perforated 22 (2)
Tape Reader, Perforated 212 (4)
Tape Readers, Punched 155 (3)
Tape Recorder, Airborne 217 (6)
Tape Recorder Buffers 195 (10)
Tape Recorder, Cartridge 182 (2)
Tape Recorder, Magnetic 54 (2)
Tape Recorder, Miniature 133 (1)
Tape Recorder, Portable 166 (10)
Tape Recorders, Instrumentation 191 (2)
Tape Reel Case 178 (11)
Tape Replacement Heads 178 (8)
Tape Search System 181 (5)
Tape Splicer 187 (4)
Tape Spooler 200 (3)
Tape Storage System 137 (7)
Tape Takeup-Feeder 171 (7)
T/C Air Transmitters 179 (7)
T/C Ice-Point Reference 164 (7)
T/C Vacuum Gauge 159 (9)
Techniques of Electrochemical Analysis 66 (11)
Teflon Coated Components 155 (1)
Telemetering, FM-FM 167 (1)
Telemetering System 207 (10)
Telemetry Amplifier 261 (5)
Telemetry/Communications Receiver 167 (9)
Telemetry Discriminator 158 (7)
Telemetry, Tracking Receivers 198 (6)
Telephotometer 177 (7)
Teleprinters 198 (3)
Television Monitors 148 (12)
Temp Control, Proportional 174 (2)
Temp Measuring Device 193 (2)
Temperature Baths 202 (5)
Temperature Chambers 193 (8)
Temperature Compensator Alloys 48 (2)
Temperature Control System 187 (12)
Temp-Humidity Chambers 157 (3)
Temperature Indicating Controller 213 (9)
Temperature Measurement 180 (2)
Temperature Measurement System 195 (9)
Temperature Measurements of Rotors Having High Voltage Excitation 113 (5) (article)
Temperature Meter 165 (8)
Temperature and Moisture 89 (9)
Temperature Monitor 172 (2)
Temp Pilot Controllers 76 (10)
Temp Probe Assemblies 165 (4)
Temp Programmer, Dye Jig 54 (2)
Temp Recording-Controller 207 (4)
Temp Servo-Conditioners 152 (3)
Temp-Voltage Transducers 160 (7)
Temperature/Power Control 58 (3)
Temperature/Power Control System 199 (10)
Temperature Profile System 131 (7)
Temperature Profiling 133 (5) (article)
Temperature Programmer 181 (7)
Temperature Recording System 198 (10)
Temperature Regulators 209 (6)
Temperature Scanner 165 (2)
Temperature Sensor, Amplifier 166 (1)
Temperature System, Remote 72 (4)
Tensile Tester 255 (5)
Tensile Testing System 214 (9)
Tension/Compression Measurement 173 (8)
Tension System 56 (2)
Terminal Automation 185 (12)
Test Bridges 174 (4)
Test-Monitor-Control 189 (2)
Test Set 176 (12)
Test Set, IC 160 (4)
Test Set, Semiconductor 256 (5)
Test System, Automatic 32 (2)
Test System, Dielectric 257 (5)
Test Turntable 54 (12)
Test Waveform Generator 206 (9)
Testing Board, T/C 161 (2)
Testing Center 232 (5)
Testing Computer 174 (3)
Testing Thermistors 90 (5)
Thermal Actuators 72 (8)
Thermal Analysis System 180 (2)
Thermal Analyzer 209 (5)
Thermal Conductivity Instrument 177 (11)
Thermal Measuring Unit 192 (3)
Thermal Radiation Shields 101 (5) (article)
Thermal Regulator 217 (5)
Thermistor Mount Calibrations 144 (1)
Thermistor Thermometers 135 (5) (article)
Thermistor Thermometer 173 (2)
Thermistors 66 (7)
Thermocouple Connectors 181 (8)
Thermocouple Controller 54 (2)
Thermocouple Data Calculator 181 (6)
Thermocouple, Disposable 159 (4)
Thermocouple, High-Temp 232 (6)
Thermocouple Indicating-Controllers 136 (12)
Thermocouple Indicator 165 (10)
Thermocouple Power Meter 173 (11)
Thermocouple References 139 (7)
Thermocouple Tester 191 (11)
Thermoelectric Freezers 161 (3)
Thermograph, Distance 215 (4)
Thermometer 180 (10)
Thermometer Bridge, Resistance 199 (3)
Thermometer Clips 126 (7)
Thermometer, Differential 198 (6)
Thermometer, Electrical 143 (1)
Thermometer, Electronic 151 (3)
Thermometer Holster 172 (10)
Thermometer, Infrared 58 (2)
Thermometer, Max-Min 47 (1)
Thermometer, Multi-Angle 197 (10)
Thermometer, Solid-State 211 (5)
Thermometer/Temp Controller 129 (7)
Thermometer Wells, Bimetallic- 32 (2)
Thermostat 189 (2)
Thermostatic Controls 199 (3)
Thermowells 201 (10)
Thickness Indicator 132 (11)
3-D Display 83 (8) (article)
Thumbwheel Switch Assembly 218 (9)
Thyristor Amplifier 207 (8)
Thyristor SCR 164 (7)
Tilting Air-Lubricated Piston Gage 99 (9) (article)
Time-Amplitude Converter 143 (12)
Time Base 152 (9)
Timebase Counter 153 (10)
Time Code Generator/Reader 181 (2)
Time Code Receivers 181 (7)
Time Comparator 172 (7)
Time Cycle Control 185 (4)
Time/Data Printer 133 (7)
Time Division Multiplex 52 (2)
Time/Frequency Meter 170 (4)
Time Generator 169 (10)
Time Interval Meter 157 (3)
Time Mark Generator 200 (10)
Time Proportioning SCR Gate Drive 66 (7)
Time Switch System 180 (6)
Time Synchronizing 55 (1)

Time-to-Pulse-Height Converter 168 (9)
Time Totalizers 169 (8)
Timer-Controller 168 (9)
Timer-Programmer 165 (10)
Timers 211 (4)
Timers, Counters 136 (7)
Timing Analyzer 129 (7)
Timing Cams 137 (11)
Timing Relay 148 (7)
Tin Reflow Control 64 (3)
Tire Uniformity Monitor 56 (2)
Titrator 161 (12)
Toggle Valve 128 (7)
Torque Meters 176 (7)
Torque Motors 158 (12)
Torque Pickups 127 (1)
Torque Screwdriver 200 (4)
Torque Systems 153 (12)
Torque Tester 226 (5)
Torque Wrench Analyzer 153 (3)
Toxic Gas Detector 149 (7)
Tracking Filter 229 (5)
Tracking Radioactivity from the Air 105 (11)
(article)
Traffic Controllers 203 (10)
Traffic Detectors 163 (7)
Traffic Monitors 163 (4)
Transducer Housing 171 (9)
Transducer Indicator 152 (8)
Transducer Readout 199 (9)
Transducer/Tachometer 170 (10)
Transducer Telemetry 167 (10)
Transducer, Ultrasonic 150 (2)
Transducers, AC 143 (2)
Transducers, Position 18 (2)
Transducers, Wattmeter 152 (2)
Transfer, Boost Compressor 196 (6)
Transfer Oscillator 173 (3)
Transfer Standard 163 (2)
Transfer Switch 180 (6)
Transformer, Differential 46 (1)
Transient Monitor 186 (5)
Transient Recording Systems 163 (3)
Transients Camera 130 (12)
Transistor Parameter Measurements 60 (12)
Transistorized Timer 200 (10)
Transmissions 195 (8)
Transmitter-Controller 70 (10)
Transmitter, Flow Alarm 166 (11)
Transparency Illuminator 206 (8)
Transport Delay Simulation 165 (6)
(article)
Trend Recorder 137 (1)
Trends in Radar Altimetry 147 (5)
(article)
Trigger Delay Generator 151 (10)
Trip Units 199 (10)
True RMS Microammeter 180 (10)
True RMS/DC Converter 169 (9)
True RMS Voltmeter 182 (10)
Tube Fittings, Crimped 160 (3)
Tube, Pipe Fittings 144 (12)
Tuning Fork in Control 79 (11)
Turbidimeter 196 (5)
Turbidity Measurement, Control 145 (8)
Turbidity Monitoring System 199 (10)
Turbine Flowmeter Instrumentation 72 (10)
Turbine Meter Patents 182 (12)
Turbine Meter Readout 202 (5)
Turbine Meter System 166 (7)
Turbine Overspeed Switch 214 (6)
Turbine Water Meter 181 (12)
Turn Counters 156 (11)
TV Camera Systems 134 (12)
TV Microwave Relay 155 (12)
TV Monitor, Variable-Scan 253 (5)
TV Monitors 143 (1)
Typewriter Operating Unit 182 (12)

U

Ultra-High-Vacuum Pumping Stations 66 (8)
Ultrasonic Detection 76 (11)
Ultrasonic Generators 188 (8)
Ultrasonic Listener 159 (11)
Ultrasonic Materials Testing 77 (6)
Ultrasonic Measurement 180 (10)
Ultrasonic Tester 162 (8)
Ultrasonic Transducer 132 (11)
Ultrasonic Transducer Manipulator 159 (7)
Uncoated Resonant Reflectors 148 (2)
Underwater Temp Sensors 141 (3)
Uniselector 35 (1)
Universal Controller 136 (11)
Universal Socket 176 (2)
Universal Testers 92 (6)
Universal Transducers 145 (7)
Utility System Tape Recording 87 (12)
(article)
UV Intensity Meters 187 (10)

V

Vacuum Accessories 113 (3)
(article)
Vacuum Controllers 237 (6)
Vacuum Deposited Films at High Temperature 121 (11)
(article)
Vacuum Fittings 17 (1)
Vacuum Gauge Calibration 93 (12)
(article)
Vacuum Leak Detector 54 (8)
Vacuum Monitor 214 (4)
Vacuum Pumping Modules 138 (8)
Vacuum Pumping Systems 99 (11)
(article)
Vacuum Regulator 51 (3)
Vacuum Tube Voltmeter 153 (7)
Valve, Automated 35 (1)
Valve, Explosive-Actuated 196 (2)
Valve Manifold 223 (9)
Valve Operators 24 (2)
Valve Package, Motorized 140 (2)
Valves/Cylinders 174 (12)
Valves, Fittings 179 (7)
Valves, 4-Way 160 (4)
Valves in Gas Regulators 139 (4)
(article)
Valves, Large-Port 231 (5)
Valves, Pilot-Operated 205 (5)
Valves, Pinch-Type 71 (9)
Variable DC Source 171 (2)
Variable Drive 232 (6)
VCO, Demodulator 141 (11)
Vector Impedance Meter 152 (4)
Vertical Alignment System 136 (1)
Vertical Attenuator 180 (8)
Vibration Analysis 124 (12)
(article)
Vibration Analyzer 197 (5)
Vibration Analyzer/Balancer 216 (6)
Vibration Meter 174 (10)
Vibration Recorder 146 (12)
Vibration System 170 (6)
Vibration Testing 111 (11)
Vibration Transducer 176 (6)
Vibration Transducer, Non-Contacting 137 (2)
Vibrometer 57 (1)
Video Analyzer 152 (10)
Video Converter 188 (5)
Videoflex 57 (8)
Video Monitor 135 (1)
Video Plotter 153 (10)
Video Recorders 130 (12)
Video Waveform Monitor 48 (1)
VI/SCAN Recording 93 (7)
(article)
Viscometer 178 (7)
Viscometer, Portable 188 (2)
Viscosity Measurement 54 (2)
Viscosity Receivers 197 (10)
Visual Control Board 208 (8)
Visual Displays 187 (2)
Visualizing Three-Dimensional Flow 93 (3)
(article)
Volt-Amp-Watt Meter 246 (5)
Volt-Ohmmeter, AC/DC 157 (4)
Volt Ratio Box 144 (10)
Volt/Ratio Meter 164 (4)
Volt, Shunt Boxes 154 (4)
Voltage Calibrator, DC 188 (6)
Voltage/Current Source 200 (3)
Voltage Digitizer 197 (6)
Voltage Divider 172 (9)
Voltage Integrator, DC 178 (3)
Voltage Measuring System 186 (2)
Voltage Monitor 193 (4)
Voltage Recorder 172 (8)
Voltage Regulator, Line- 56 (3)
Voltage Standard, AC 178 (4)
Voltage Supply 144 (12)
Voltage-Temperature Modules 164 (12)
Voltage Transformers, Constant 201 (3)
Voltage-Variable Capacitance Diodes 184 (2)
Voltmeter, Feedback Electrostatic 189 (6)
Voltmeter, FET 166 (3)
Voltmeter, Hybrid 153 (2)
Volume Meter 148 (1)
Volumetric Micrometer 178 (10)
VOM 182 (10)
Vortex Amplifier 171 (10)
Vortex Amplifier Parameters 105 (10)
(article)

W

Waste Water Treatment Systems 174 (11)
Water Analysis Meters 219 (5)
Water Bath Temperature Controller 196 (2)
Water Control Kit 130 (1)
Water Current Meter 218 (5)
Water Detection Device 190 (3)
Water Hardness Monitor 178 (2)
Water Meters 186 (10)
Water Power Supply 185 (12)
Water Purification 143 (7)
Water Purification System 177 (8)
Water Purity Meters, Monitors 174 (7)
Water Quantity Measurement 258 (5)
Water Quality Probe 137 (2)
Water Removal System 218 (6)
Wattmeter Calibration 97 (11)
(article)
Wattmeter Transducer Modules 182 (4)
Wattmeter Transducers 183 (9)
Waveform Analyzer 162 (10)
Waveform Eductor 205 (5)
Waveform Generator 206 (6)
Weather Satellite Stations 240 (5)
Web Guide System 239 (5)
Weigh-Feeder 175 (2)
Weighing System, In-Motion 239 (6)
Weight Transmitter 147 (1)
Weld Tester 167 (12)
Welder Control System 211 (4)
Wet Magnetic Separator 136 (7)
Wheatstone Bridge Transducer Equations 93 (6)
Wide Band FM Modules 192 (5)
Wide-Band Probe 168 (11)
Wideband Recorder 131 (12)
Wide-Chart Recorder 132 (11)
Wide-Range Integrator 85 (7)
(article)
Wide Range Receiver 192 (4)
Wiring Machines, Automatic 199 (5)
Word Generator 204 (10)
Word Indicator Lights 64 (8)
Word Indicators 160 (9)
Wrap-Around Heater 170 (8)

X

X-Ray Unit 142 (1)
X-Y Sawtooth Generator 126 (7)

Z

Zero Leakage Pumps 204 (8)
Zone Control Valve 223 (6)

AUTHORS INDEX

A

Abbey Electronics Corp. 183 (6)
Accessory Products Co. 180 (2), 210 (5)
Accurate Electronics Corp. 210 (5)
Acme Electric Corp. 179 (7)
Acromag, Inc. 143 (2), 191 (6), 139, 164, 179 (7)
Acton Labs, Inc. 139, 149 (2), 197 (3), 188 (6)
Actronics Inc. 20 (1)
Adage, Inc. 209 (5), 160 (7), 181 (8)
Adams, Boyce M. 95 (7)
(author)
Adar Associates, Inc. 130 (12)
Addressograph Multigraph Corp. 232 (5)
Advance Components Corp. 168 (8)
Advanced Products Co. 182 (3), 208 (5), 160 (7), 200 (8)
Ad-Yu Electronics, Inc. 167 (3)
Aero-Chatillon Corp. 188 (6)
Aerodyne Machinery Corp. 172 (6)
Aeroflex Labs, Inc. 62 (4), 245 (5)
Aerojet-General Corp. 215 (6)
Aero Mechanisms, Inc. 194 (6)
Aerometrics 209, 255 (5), 207 (6)
Aero Vac. Corp. 189 (2), 181 (5)
Aerton 232 (5)
Aer Valco Engineering, Corp. 191 (2), 261 (5), 169 (6)
AGAC-Derritron Inc. 170 (6)
Aircraft Porous Media, Inc. 80 (4)
Airmatic Valve, Inc. 224 (6), 179, 202 (8)
Airmatic Valve, Inc. 160 (4), 174 (12)
Airpax Electronics, Inc. 149 (2), 80 (4), 158, 164, 179 (7), 58, 180, 183 (8)
Alco Valva Co. 205 (5), 214 (6), 151, 159 (8)
Alden Electronic & Impulse Recording Equip. Co., Inc. 240 (5), 130 (12)
Alford Mfg. Co. 89 (6)
Alkon Products Corp. 158 (7), 158 (8)
All American Engineering Co. 182 (3)
Allardice, Jr., R. B. 11 (4)
Allen, Merton 93 (3)
(author)
Allis-Chalmers 177 (3)
Alnor Instruments Co. 136 (1), 237 (5), 180, 184 (8)
Alto Scientific Co., Inc. 197 (3)
Amark, Corp. 153 (3), 170 (4)
Amdur, Dr. Elias 97 (8)
(author)
Amega Corp. 214 (6)
American Chain & Cable Co., Inc. 91 (6), 179 (7)
American Electromatic Controls, Inc. 179 (8)
Amer. Electronic Labs, Inc. 72 (6)
American Electronics, Inc. 161 (1)
American Instruments Co. 184 (4), 187 (6)
American Machine and Foundry Co. 138 (3), 211 (4), 244 (5), 169 (7), 143, 200 (8)
American Manufacturing Co., Inc. 214 (4), 170 (6)
American Meter Co., Inc. 205 (4), 179 (8), 153 (12)
American Pamcor, Inc. 160 (3)
American-Standard 140, 174 (3), 162 (4), 233 (6), 175 (12)
Ametek, Inc. 191 (4), 91, 218 (6), 147, 163, 172, 198 (8)
Amlab, Inc. 214 (4)
Ampex, Corp. 154 (1), 80, 183 (3), 177 (6), 51, 169 (7), 57, 71, 140 (8), 130 (12)
Amphenol-Borg Electronics Corp. 146 (2)
Amtec International, Inc. 153 (3), 185 (4)
Amtron, Inc. 146 (12)
Anaconda American Brass Co. 70 (4)
Anadex Instruments, Inc. 136, 140, 162 (1), 172 (2), 183 (3), 170 (4), 140 (8)
Analog Devices, Inc. 149 (1), 26 (2), 153 (3), 164 (7), 186 (8), 177 (12)
Analytic Systems Co. 72 (2)
Analytical Measurements, Inc. 156 (3), 256 (5)
Andale Co. 138 (1)
Andar Corp. 160, 183 (8)
Anderson, Inc., W. E. 224 (5)
Andonian Associates, Inc. 72 (2)
Anelex Corp. 213 (4), 201 (5)
Ann Arbor Computer Corp. 236 (6)
API Instruments Co. 56 (2), 182 (4)
Applied Lasers, Inc. 26 (1)
Applied Physics Corp. 160 (3), 89 (6), 178 (7)
Aqua Matic, Inc. 185 (4)
Argonaut Associates, Inc. 171 (3)
Arnold Magnetics Corp. 167 (3)
Aro Corp. 176 (6)
Artisan Electronics Corp. 52 (1), 171 (3)
Arvin Systems, Inc. 167 (12)
Associated Research, Inc. 172 (3), 170 (4), 163 (12)
Astro Communication Lab, Inc. 190 (2)
Astro-Dynamics, Inc. 219 (6), 185 (12)
Astro Industries, Inc. 205 (5)
Astrodata, Inc. 174 (3), 164 (4)
Astro-Science Corp. 172 (3), 205 (4), 217 (6)
Astrosystems, Inc. 146 (2)
Athena Controls, Inc. 61 (2), 223 (5), 170 (6), 177 (12)
Atlantic Research Corp. 153 (3)
Audichron Co. 223, 232 (5)
Auger & Co., Inc., Raymond N. 195 (8)
Austin Electronics Corp. 171 (3)
Autoclave Engineering, Inc. 231 (5), 179 (7)
Auto Data 205 (4)
Automatic Control Devices, Inc. 61 (2)
Automatic Electric Co. 177 (3), 130 (12)
Automatic Timing & Controls, Inc. 46, 152, (1), 214 (4), 210, 239 (5), 179 (6)
Automatic Switch Co. 184 (2), 193 (4), 76 (5), 180 (6), 180 (8)
Automatic Valve Corp. 160 (8)
Automation Control Co. 147 (1)
Automation Development Co. 161 (1), 61 (2)
Automation Dynamics Corp. 194 (6)
Auto-Trol Corp. 141 (7)
Aviation Electric Ltd. 138, 155, 183 (8)

B

Babcock & Wilcox Co. 185 (8)
Bacharach Industrial Inst. Co. 181 (5), 179 (12)
Bailey Meter Co. 181, 191 (3), 186 (5), 68 (12)
Baird-Atomic, Inc. 233 (5)
Baldwin-Lima-Hamilton 151, 182 (2), 174, 188 (6), 180 (7), 152, 181 (8), 160 (12)
Ballantine Labs 153 (4), 209 (5), 174 (6)
Barber-Colman Co. 201, 204, 239 (5), 140 (7)
Barish International Corp. 199 (8)
Barlow, R. I. 129 (3), 8 (7)
Barnes Engineering Co. 187 (8)
Barnes, Loyd A. 133 (6)
(author)
Barnstead Still & Sterilizer Corp. 174 (7)
Barry Wright Corp. 86 (6)
Barton Instruments Corp. 127, 144, 161 (1), 61 (2), 188 (5)
Basic Products, Corp. 56 (3)
Bauer Bros. Co. 65 (2)
Bauman, Hans D. 111 (8)
(author)
Bausch & Lomb 78 (4), 58 (7)
Bayley Instrument Co. 202 (5)
B & B Moth and Control, Corp. 58 (4)
Beach-Russ Co. 174 (7)
Beacon Electronics, Inc. 72, 162 (4), 237 (5)
Beckman Instruments, Inc. 130, 159, 163 (1), 71, 185 (2), 152, 164, 166 (3), 162 (4), 82, 206 (5), 88 (6), 66 (12), 68 (12), 173 (12)
Behlman-Inval Electronics, Corp. 176 (3), 182 (4)
Bell and Howell 131, 139, 152 (1), 54, 187 (2), 206 (4), 204, 260 (5), 176 (6), 51, 157 (7)), 188 (8), 60 (12), 138 (12)
Bell, Inc., F. W. 50 (1), 65, 152, 156, 189 (2), 229 (6), 140 (7)
Bell Telephone Labs 46 (1), 156 (2)
Benbow Manufacturing, Corp. 184 (3)
Bendix-Balzers Vacuum, Inc. 183, 200 (3), 210 (4), 138 (8)
Bendix, Corp. 58, 80, 183, 200 (3), 82 (4), 213 (6), 175 (7), 138 (8)
Benson-Lehner Corp. 137 (7), 186 (12)
Bently Nevada, Corp. 60, 165 (4)
Berger, B. L. 83 (11)
(author)
Berkeley Nuclemics 188 (2)
Berkeley Scientific Labs 168, 184 (4), 60 (7)
Bernard, Burton 131 (5)
(author)
Berringer, Leonard D. 113 (3), 97 (4), 139 (5), 99 (6), 71 (7), 89 (8), 119 (9)
Beta Instrument Corp. 126 (7)
Bethlehem, Corp. 157 (3)
B & F Instruments, Inc. 153 (12)
Bickford, John H. 70 (12)
(author)
Biddle Co., James G. 182 (2), 181, 199 (3), 194 (4), 58 (12), 181 (12)
Biezienski, G. 8 (10)
Bin-Dicator Co. 51 (1), 176 (7)
Bio-Physics Res. Insts, Inc. 141 (7), 189 (8)
Bird Electronic Corp. 231 (6), 71 (8)
Birtcher Corp. 256 (5)
Bishop & Co., J. 210 (4)
Bissett-Berman Corp. 191 (5)
Bodine Electric Co. 208 (5), 144 (8)
Boeing Company 136 (1)
Bohn, Ralph P. 13 (3)
Bolon, Albert E. 107 (5)
(author)
Bolt Beranek & Newman, Inc. 68 (4)
Boonton Electronics, Corp. 129 (1)
Borg-Warner Corp. 150 (2), 56, 160 (4), 236 (5), 176 (6), 157 (7)
Boston Gear Works 145 (7), 190 (8)
Bourns, Inc. 224 (5)
Bowmar Instruments Corp. 139, 149 (2), 197 (3), 188 (6)
Black, Sivalls & Bryson, Inc. 233 (5), 231 (6)
Blackmer Pump Co. 175 (3)
E. W. Bliss Co. 236 (6), 136, 159 (7), 169 (8)
Blue M Electric Co. 216 (6)
Blue M Engrg. Co. 216 (6)
Branson Instruments, Inc. 142 (7), 193 (8)
Braun, Ludwig 123 (1)
(author)
Bray, Anthos 121 (11)
(author)
Brennan, R. D. 133 (3)
(author)
Bridgeman, Richard C. 95 (1)
(author)
Brinkmann Instruments, Inc. 146 (2), 166 (3)
Bristol Co. 179 (7), 175 (8)
Broch, F. M. 10 (4)
Brush Instruments Division 128 (1), 145, 153, 189 (2), 184, 236 (5), 154 (7), 143 (8)
Bryant Computer Products 19 (1)
Bryon Jackson Inc. 173 (12)
Bryston Mfg. Ltd. 236 (6)
Buchler Instruments, Inc. 44 (1), 175 (3)
Burns Engineering, Inc. 196 (3)
Burns, J. Donald 127 (5)
(author)
Burr-Brown Research, Corp. 68 (2), 184 (4), 224 (5), 77 (6)
Burroughs Corp. 176 (6), 138 (8)
Business Information Technology, Inc. 153 (12)
B & W, Inc. 148 (1)
Byers Co., A. M. 38 (1)

C

Caddylak Systems, Inc. 208 (8)
Cadillac Plastic and Chemical Co. 26 (2)
Cahn Instruments Co. 54 (2)
Calcatelli, Anita 121 (11)
(author)
Calgon, Corp. 181 (2)
California Computer Products, Inc. 184 (2), 85 (5)
California Instruments Corp. 183 (2), 164 (3), 173 (6), 162 (7), 150 (12)
Calma Co. 46 (1), 16 (2), 52 (12)
Calmec Manufacturing, Corp. 56 (4)
Cambridge Systems, Inc. 16 (2), 182 (3), 181 (4)
Cambridge Thermionic Corp. 177 (8)
Canevari, R. 119 (7)
(author)
Canoga Electronics, Corp. 171 (4), 243 (5), 231 (6)

Carco Electronics 54 (12)
Carleton Controls, Corp. 139 (1)
Carpco Res. & Engrg., Inc. 136 (7)
Carpenter Steel Co. 40 (2)
Cash Co., A. W. 76 (3), 156 (7), 163 (8)
C-Cor Electronics, Inc. 139 (1)
C-E Electronics, Inc. 141 (12)
CEJ Gage Co. 176 (7)
Celtic Industries, Inc. 222, 254 (5)
Cenco Instruments Corp. 183 (5), 143 (7)
Century Electronics & Insts. 174 (6), 144, 180 (7), 138 (8)
Century Geophysical Corp. 174 (6), 144, 180 (7), 138 (8)
Chalco Engineering, Corp. 155 (3), 230 (5), 88 (6)
Chambers, James B. 123 (7)
(author)
Chandler Engineering Co. 170, 180 (2), 206, 215 (4), 163 (12)
Charman, J. 117 (5)
(author)
Charter Wire, Inc. 152 (1)
Chassie, Harry G. 121 (6)
(author)
Chemetron Corp. 233 (6)
Chemical Rubber Co. 52 (1)
Chemicon Co. 233 (5), 182 (8)
Cheng, D. 115 (9)
(author)
Chromatronix, Inc. 181 (4)
Chronetics, Inc. 155 (3)
Chrono-Log, Corp. 181 (2), 144 (7)
Chrysler Corp. 230 (6)
Cincinnati Sub-Zero Products 186 (12)
Clack Corp. 174 (7)
Clare CP & Co. 204 (5)
Clark-Aiken Co. 150 (3)
Clary Corp. 170 (2), 169 (3), 206 (5), 182 (7)
Cleveland Process Corp. 158 (7)
Clevite Corp. 128 (1), 145, 152, 189 (2), 184, 236 (5), 154 (7), 143 (8)
CMC 157, 165, 173 (3), 200 (5)
Cohu Electronics, Inc. 48 (1), 167 (2), 188 (6), 208 (8), 184 (12)
Cole Enterprises, F. H. 185 (8)
Coleman Engineering Co., Inc. 159 (7)
Coleman Instruments, Corp. 147 (1)
Coles, H. E. 137 (6)
(author)
Collator, Corp. 154 (1)
Collins, Corp. G. L. 158 (3), 146 (8)
Colorado Video, Inc. 188 (5)
Colt Industries 203 (5), 236, 239 (6)
Coltron Industries, Inc. 159 (7)
Columbia Research Labs, Inc. 179 (3), 224 (6)
Comar Electric Co. 52 (12)
Comer, James E. 161 (6)
(author)
Communication Electronics, Inc. 172 (2), 219, 257 (5), 138 (7), 159 (8)
Compu Dyne, Corp. 153 (1), 161, 167 (4)
Computer Accessories, Corp. 167 (4), 238 (5), 177 (12)
Computer Control Co., Inc. 148, 183 (3), 160, 180 (4)
Computer Dynamics, Inc. 138 (7)
Computer Instruments Corp. 204 (5)
Computer Logic Corp. 137 (12)
Computer Measurements Co. 49 (1), 61 (2), 58 (12), 66 (12)
Computer Test Corp. 183, 211 (4), 222, 231 (5), 228 (6)
Conax, Corp. 196 (2)
Concord Electronics Corp. 177 (7), 181 (12)
Condec, Corp. 187 (2), 163 (7)
Conlon, Ralph 85 (7)
(author)
Connecticut Technical, Corp. 154 (3), 182 (12)
Conoflow, Corp. 175 (2), 165 (3), 214 (4)
Consolidated Controls, Corp. 187 (2), 163 (7)
Consolidated Electrodynamics Corp. 46, 139, 152 (1), 54, 187 (2), 206 (4), 260 (5), 176 (6), 51, 157 (7), 188 (8), 60 (12), 138 (12)
Consolidated Ohmic Devices, Inc. 138 (1), 201 (3), 160 (8)
Consolidated Vacuum, Corp. 131 (1), 204 (5)
Continental Device, Corp. 150, 174 (3), 163 (7)
Continental Sensing, Inc. 181 (8)
Continental Testing Labs, Inc. 186 (5)
Control Data, Corp. 32, 132 (1), 22 (2), 258 (5), 176 (8)
Control Equipment, Corp. 71 (2), 213 (4), 126 (7), 182 (8)
Control Logic, Inc. 182 (3)
Control Products, Inc. 17 (1), 150 (3), 90 (5), 181 (8)
Controlotron Corp. 181 (5)
Conway, J. T. 8 (1)
Cooke Vacuum Products, Inc. 178 (7)
Copans, Stu 145 (6)
(author)
Corning Glass Works 160 (1), 168 (2), 194 (3), 237 (5), 76, 189 (6)
Cosmos Scientific Co. 153 (4)
CP Instruments, Inc. 166 (1)
Craft, D. W. 157 (5)
(author)
Crowley, Paul W. 119 (1)
(author)
Crydom Labs, Inc. 155 (2), 208 (4), 186 (5), 214 (6)
Cryogenic Research Co., Inc. 62 (12)
Cryogenics, Inc. 185 (2)
Crystalonics, Inc. 184 (2)
Cubic Corp. 157 (7)
Cumings, R. G. 113 (6)
(author)
Cummins-Chicago, Corp. 161 (4)
Custom Controls Co., Inc. 199 (8)
Custom Machine Inc. 159 (7), 162 (8)
Cutler-Hammer, Inc. 192 (6), 138 (12)

D

Dana Labs, Inc. 169 (3), 88, 189, 193, 220, 221 (5), 184, 197, 212 (6), 155 (7)
Daniel Orifice Fitting Co. 84 (6)
Danvic, J. A. 105 (3)
(author)
Dartex, Inc. 156 (1), 72, 171 (6), 145 (8), 52 (12)
Data Acquisition Corp. 135 (12)
Data/Cartridge, Inc. 182 (2), 145 (8)
Data-Control Systems, Inc. 129 (1), 60, 194, 163 (4), 192 (5), 201 (6), 184 (7)
Data Device Corp. 148 (1), 176 (2), 178 (6)
Data Disc, Inc. 167 (1), 147 (12)
Data Machines, Inc. 46 (1), 57 (8)
Data Products Corp. 64 (3), 80, 221 (5), 149 (7), 182 (8)
Data Scaler 173 (6)
Data Science, Corp. 164 (4)
Data Sensors, Inc. 162 (1), 154 (2), 164 (7)
Data Systems Corp. 182 (6)
Data Technology, Inc. 168 (2), 170 (7)
Datacraft, Inc. 157 (12)
Datalink, Corp. 171 (2)
Datamark, Inc. 220 (5)
Datamec, Corp. 48 (2)
Datametrics Corp. 201 (6), 149 (7)
Datapulse, Inc. 145 (2), 169, 189 (3), 167 (4), 175, 189, 234 (6), 161 (7)
Datatron Labs, Inc. 168 (8)
Datron Systems, Inc. 175 (7)
David Industries 150 (1), 141 (3)
Davis Emergency Equipment Co. 206 (4), 226 (6), 149 (7)
Davis Instruments 226 (6), 149 (7)
Dayton Electric Mfg. Co. 207 (8)
Daytronic Corp. 147 (2), 207 (4)
Decision Control, Inc. 149 (8)
Defense Electronics, Inc. 162 (1), 184 (6)
Dehmel, T. K. 113 (4), 123 (6)
(author)
DeLauer, Donald 125 (3)
(author)
Delta Electronics, Inc. 142 (7)
Delta Scientific Corp. 219 (5)
Deltech Engineering, Inc. 161 (1), 168 (3), 165 (7)
Deltron, Inc. 171 (2)
Demco, Inc. 162 (7)
Demlon Products & Development 204 (8)
Dentronics Inc. 151 (7)
DeRoy, R. E. 119 (12)
(author)
Designatronics, Inc. 144 (7)
Despatch Oven Co. 187 (6)
Develco, Inc. 181 (7)
Development Associates Controls 177 (8)
De Zurik, Corp. 196 (3)
Dialight Corp. 207 (5), 220 (6)
Diamond Power Specialty Corp. 185 (8)
Di/An Controls, Inc. 193 (3), 208 (5), 181 (6), 174 (8)
Dickson, Glenn E. 131 (4)
(author)
Diecraft, Inc. 158 (1)
Dietz, Henry G., Co., Inc. 176 (7)
Digi-Data, Corp. 55 (1)
Digital Division, Corp. 188 (3)
Digital Electronics Machines 231 (5)
Digital Equipment Corp. 54, 147, 170, 182, 188 (2), 192 (5), 173 (12)
Digital Instruments, Inc. 151 (3)
Digital Products 163 (4)
Dillon and Co., Inc., W. C. 139 (2), 180, 208 (4)
DiMenna, D. L. 10 (2)
Discon Corp. 155 (7), 146 (12)
Dittbenner, Gerald R. 85 (12)
(author)
Dobish, Arthur S. 105 (7)
(author)
Donner Electronics, Inc. 19 (1), 254 (5)
Dover, Corp. 175 (3)
Dranetz Engineering Labs, Inc. 191 (3), 152 (4), 257, 260 (5), 203 (6)
Dresser Industries, Inc. 180 (3), 171 (8)
Drexelbrook Engineering Co. 249 (5)
Drexel Dynamics Corp. 235 (5)
Drew, Dennis A. 113 (7), 119 (8)
(author)
Dudek, Stan J. 103 (6)
(author)
du Pont de Nemours and Co., E. I. 180 (3), 259 (5), 90 (6)
Durst Manufacturing Company 207 (4)
Dwyer Manufacturing Co., F. W. 62 (4), 62 (12)
Dynage, Inc. 259 (5)
Dynair Electronics, Inc. 178 (6), 144 (8)
Dynamic System Electronics Corp. 233 (5)
Dynamics, Corp. America 150 (2), 138 (3), 259 (5), 173 (6)
Dynamics Instrumentation Co. 86 (6), 133 (12), 163 (12)
Dynamics Research, Corp. 80 (3)
Dynatech, Corp. 192 (3)

E

Ebert Electronics, Corp. 165 (1)
Edison Corp. 137 (1)
Edmund Scientific Co. 196 (2)
Edwin Industries Corp. 234 (5), 196 (6)
E G & G, Inc. 137 (12)
E-H Research Labs, Inc. 189, 250 (5), 56 (12)
Ehrenreich Photo-Optical Industries, Inc. 178 (7)
Elcor 174 (2)
Electrac, Inc. 229 (5), 182 (6)
Electric Storage Battery Co. 179 (4)
Electric Thermometers, Inc. 137 (7)
Electro Devices, Inc. 156 (8)
Electro Instruments, Inc. 38, 30, 134 (1), 192 (3), 159, 177, 207 (4)
Electro-Mechanical Res, Inc. 51 (7), 151, 182 (8)
Electro-Neutronics, Inc. 154, 186 (2)
Electro-Nite Engineering Co. 159 (4)
Electro-Optical Industries, Inc. 167 (6), 178 (7), 138, 201 (8)
Electro-Optical Systems, Inc. 164 (1), 258 (5), 178 (7), 138, 201 (8)
Electro Optics Associates 20 (1), 134 (12)
Electro Products Labs., Inc. 178 (12)
Electro Scientific Industries 132, 134, 165 (1), 151, 169, 163, 171, 186 (2), 201 (4), 244, 250 (5), 171 (6), 170, 207 (8)
Electro-Trace Corp. 74 (5)
Electrofilm Inc. 80 (5)
Electromation 204, 207 (6)
Electronic Associates, Inc. 68, 164, 179, 185 (2), 190, 257 (5), 200 (8), 180 (12)
Electronic Counters, Inc. 206 (6)
Electronic Development Corp. 197 (6)
Electronic Devices, Corp. 160 (2)
Electronic Engineering Co. of Calif. 55, 156 (1), 73 (3), 181, 258 (5), 177, 219 (6)
Electronic Memories, Inc. 221 (5), 172 (6)
Electronics Corp. of America 30 (1), 187 (5)
ElectroSyn Technology Labs, Inc. 55 (2)
Elgar Corp. 182 (7)
Elgenco, Inc. 195 (2)
Elpac, Inc. 149 (8)
Emcee Electronics, Inc. 150 (8)
Emerson Electric Co. 68 (2), 62, 76 (3), 168, 218 (6), 154, 181 (8)
Endevco Corp. 219, 230, 256 (5), 171 (6), 180 (12)
Enerpac Test Systems 158 (1), 174 (7)
Engelhard Industries, Inc. 158 (7)
Engis Equipment Co. 142 (12)
Engler Instrument Co. 174 (7)
English Electric, Corp. 188 (3)
ENM Co. 228 (5)
Epic, Inc. 163, 215 (4)
Eppley Labs, Inc. 230 (5)
Epsco, Inc. 160 (2)
Erdco Engineering Corp. 175, 229 (6)
Ernst, Richard B. 102 (1)
(author)
Esterline Angus Instruments Co., Inc. 52 (3), 92 (6), 51 (7), 176 (8)
Exact Electronics, Inc. 178 (4)
Exactel Instrument Co. 199 (5)
Ex-Cell-O, Corp. 142, 200 (3), 198, 258 (5), 145 (8)

F

Fabri-Tek, Inc. 187 (3)
Fahidy, T. Z. 133 (3)
(author)
Fairchild Camera and Instrument Corp. 142, 164 (1), 32 (2), 194, 210 (4), 199, 235, 246, 260 (5), 78, 186 (6), 52 (7), 148 (12), 162 (12)
Fairchild Electro-Metrics Corp. 235 (5)
Fairchild Hiller Corp. 226 (6)
Fairchild Hiller Industrial Products Div. 51 (3)
Falor, K. 93 (12)
(author)
Farmer Electric Products Co. Inc. 22 (1)
Farrand Controls, Inc. 237 (6)
Federal Scientific Corp. 61 (2), 189 (3)
Felton, M. L. 83 (7)
(author)
Fenwal, Inc. 16, 54 (2)
Ferranti Electric, Inc. 188 (2)
Ferroxcube Corp. of America 164 (2), 60, 164 (7), 149, 163, 185 (8)
Fischer and Porter Co. 54 (2), 161 (3), 261 (5), 168, 204 (6)
Fischer & Co., H. G. 142 (12)
Fisher Governor Co. 151 (3), 216 (6), 58 (8)
Fisher Scientific Co. 178 (2), 228 (5)
Flow Corp. 66 (8)
Flowcon Co. 180 (2), 179 (6)
Floyd Drives Co. 179, 232 (6), 56 (7), 203 (8)
Fluid Data, Inc. 142 (1), 179 (12)
Fluid Dynamics, Inc. 52 (1), 148 (7), 163 (8)
Fluidgenics 194 (6)
Fluidic Research Inc. 195 (8)
Fluke, John, Mfg. Co. Inc. 155 (3)
Ford Motor Co. 24 (2), 175 (7)
Foret Co. 173 (7)
Foseco, Inc. 235 (5)
Foster, Everleigh W. 106 (1)
(author)
Fowler, Jr., Franklin H. 137 (10)
(author)
Foxboro, Co. 23, 54 (2), 201 (3), 78, 177 (6), 136 (12)
Fraade, David J. 75 (8)
(author)
Fraenkel, Alphons 141 (5)
(author)
Franklin Electronics, Inc. 213 (4), 201 (5)
Frederick Electronics Corp. 155 (2), 161 (3), 158 (4)
Fredericks Co. 157 (1)
Frequency Electronics, Inc. 206 (8)
Frequency Engineering Labs. 183 (6)
Friden, Inc. 50, 56 (1), 200 (4), 199 (5), 235 (6), 165 (7), 184 (12)
Furnas Electric Co. 164 (3), 148 (7)

G

Galley, Robert L. 113 (12)
(author)
Gamma Scientific, Inc. 177 (7), 186 (12)
Gap Instrument Corp. 228 (5)
Gardner, John 145 (9)
(author)
Gast Manufacturing Corp. 163 (3), 212 (4)
Gay Engineering & Sales Co., Inc. 202 (8)
Geartronics Corp. 195 (8)
Gems Company, Inc. 213 (4), 147 (7)
General Amer. Transportation Corp. 210 (6)
General Atronics Corp. 154 (1)
General Computers, Inc. 229 (5)
General Electric Corp. 137, 142 (1), 166, 173 (2), 82 (3), 245 (5), 90, 181 (6), 66, 150, 157, 174 (7), 199 (8), 64 (12)
General Instrument Corp. 152 (7), 141 (12)
General Microwave Corp. 220 (5)
General Precision Inc. 46 (1), 159, 167, 177, 181 (2), 51, 187 (3), 68, 209 (4), 239, 244 (5), 202 (6), 141, 152, 155, 165 (7), 146 (8), 134 (12), 138 (12), 167 (12), 169 (12)
General Radio Co. 160, 184 (7), 202 (8)
General Resistance, Inc. 164, 212 (4), 185 (6), 144 (12)
General Tele-Electronics Corp. 177 (3), 75 (4)
General Tele. & Electronics 195 (5)
General Time Corp. 161 (8)
General Tire & Rubber Co. 232 (5)
General Transducer Co. 154 (3), 155, 215 (4), 249 (5), 228 (6), 165 (7), 185 (8)
Genisco 187 (3)
Genisco Technology Corp. 216 (6), 182 (7)
Gerber Scientific Instrument Co. 158 (2), 93 (6), 62 (7)
Giannini Controls Corp. 161 (7), 183, 193 (8)
Giannini Scientific Corp. 78 (3)
Gilman, Russell T., Inc. 166 (4)
Gilmont, Dr. Roger 89 (3), 8 (10)
(author)
Gilmore Industries Inc. 129 (1), 165 (3), 216 (5), 227 (6), 150 (7), 186 (8)
GJM, Inc. 178 (8)
Gould-National Batteries Inc. 58 (4)
Granger Associates 68 (7)
Granville-Phillips Co. 163 (3), 66 (8)
Gra-Tec, Inc. 158 (2), 144 (12)
Greibach Instrument Corp. 151 (2), 246 (5)
Grinnell Co., Inc. 85 (5)
Grisamore Nelson T. 121 (8)
(author)
Grove Valve and Regulator Co. 140 (2)
Gulton Industries 30 (1), 193 (2), 151, 178 (3), 215 (5), 226 (6), 152, 165 (7), 161, 165, 166, 187 (8), 164 (12)
Gunsolley, Verne V. 8 (7)

H

Haas, Paul 91 (12)
(author)
Hach Chemicals Co. 152 (3), 196 (2), 161 (12)
Haddy, R. E. 111 (4)
Hafstrom, J. R. 137 (5)
(author)
Hagan Controls Corp. 167 (1), 194 (3), 197 (4)
Hall, J. H. 101 (8)
(author)
Halliburton Co. 64, 198 (8)
Hallmark Standards Inc. 209 (4), 234, 237 (5)
Halzman, Richard 109 (8)
(author)
Hamilton Co. 54 (1)
Hamilton Humidity, Inc. 165 (7)
Hamlin, Inc. 169 (8)
Hamlin, William O. 91 (11)
(author)
Hammer Electronics Company Inc. 187 (4) 186, 228 (6)
Hannauer, George 147 (4)
(author)
Harrel, Inc. 54 (1), 156 (4)
Harris, H. E. 99 (12)
(author)
Harris-Intertype Corp. 75 (6)
Harrop Precision Furnace Co. 180 (2)
Harshaw Chemical Co. 78, 187 (4), 228 (6)
Harvard Industries, Inc. 183 (6)
Harvey Control Co. 155 (2)
Harwil Co. 185 (6)
Hastings-Raydist, Inc. 237 (6), 131 (12)
Hathaway Instruments Inc. 163 (3)
Hawk, Charles E. 97 (3)
(author)
Haydon, A. W. Co. 172 (9), 237 (6), 171, 182, 187, 189 (8), 164 (12)
Heat Technology Lab, Inc. 128 (7)
Heath Co. 150 (2), 193 (5), 151 (7)
Heibel, A. D. 143 (5)
(author)
Heinzmann, John D. 92 (2)
(author)
Henderson Engineering Company, Inc. 154 (3)
Heraeus-Englehard Vacuum, Inc. 223 (6), 126 (7), 193 (8), 159 (12)
Herbach and Rodeman Inc. 179 (4)
Hersey-Sparling Meter Co. 127, 160 (7)
Hewlett-Packard Co. 144, 158 (1), 191, 195 (2), 184, 187, 201 (3), 66, 152, 157, 158, 179 (4), 188, 189, 216, 229, 235, 239, 241 (5), 178 (6), 134, 176, 182, 185 (7), 161, 176, 196 (8), 60 (12), 154 (12), 158 (12), 166 (12), 173 (12)
Hexem, Inc. 169 (8)
Hickok Electrical Instrument Co. 189 (3), 153 (7)
Hills-McCanna Co. 170 (7)
Himmelstein, S. and Company 127 (1), 205 (6)
Himmelstein, S. 93 (7
(author)
Hirs, G. G. 10 (4)
Hochman, Stanley 175 (5)
(author)
Hoffman Electronics Corp. 78 (3)
Hojberg, K. Soe 165 (6)
(author)
Hoke, Inc. 166 (1), 128 (7), 185 (8)
Holt Hardwood Co. 203 (8)
Honda, J. S. 147 (6)
(author)
Honeywell, Inc. 54, 137 (2), 184 (3), 152, 156 (4), 227 (5), 195 (6), 56, 127 (7), 143 (8), 132 (12), 137 (12), 159 (12)
Horton, H. Burke 91 (10)
(author)
Houston Instrument Corp. 183, 203, 241, 251 (5), 160, 170 (7), 175 (8)
Houston Omnigraphic Corp. 47 (1), 195 (2), 156, 174, 210 (4), 183, 203, 241, 251 (5), 175 (8)
Howard, W. Richard 85 (1)
(author)
Howell Instruments, Inc. 208 (6)
Howie Corp. 68, 137 (2), 217 (6)
Hubbs, Dr. John C. 109 (11)
(author)
Hudson Photographic Industries, Inc. 206 (8)
Huggins Labs, Inc. 144, 166 (1), 140, 180 (2)
Hughes Instruments 55 (1)
Humphrey Inc. 158 (4), 196 (5), 237 (6), 195 (8)

Hurley, Michael G. 117 (6) (author)
Hurst Engineering, Inc. 179 (6)
Hurst, Lester 141 (9) (author)
Hutton, U. O. 99 (9) (author)
Hy-Cal Engineering 203 (6), 203 (8)
Hyer, Frank S. 129 (6) (author)
Hy-Pac Hydraulics, Inc. 127 (7)

I

Illinois Testing Labs, Inc. 136 (1), 237 (5)
IMC Magnetics Company 190 (4), 154 (7)
Impact-O-Graph Corp. 82 (5), 150 (12)
Imperial-Eastman Co. 49 (1), 196 (5), 185 (7), 134 (12)
Imtra Corporation 35 (1)
Indikon Co., Inc. 146, 186 (8)
Industrial Elec. Hdwe. 194 (2), 166 (3), 151 (8)
Industrial Electronetics Corp. 144, 186 (2), 185, 191, 223 (6), 132, 177 (7), 150 (8)
Industrial Electronics Engineers, Inc. 61 (2), 194 (4)
Industrial Instruments Inc. 208 (4), 182, 183 (6)
Industrial Timer Corp. 201 (6)
Information Displays, Inc. 201 (5)
Infotronics Corp. 242 (5)
Infrared Industries, Inc. 154 (12)
Inland Motor Corp. 158 (12)
Instron Corp. 92 (6), 132 (7)
InstruLab, Inc. 175 (7)
Instrument Development Labs. 245 (5), 176 (7)
Instrument Lab, Inc. 153 (7)
Instrumentation Amplifiers & Supplies, Inc. 145 (7), 148 (8)
Instrumentation & Control Systems, Inc. 218 (5)
Instrumentation Specialties Co., Inc. 138 (3)
Instruments, Inc. 189, 191, 194 (2), 202, 252 (5)
Instruments for Research and Industry 67 (2)
Integral Motor Pump Corp. 162, 204 (8)
International Business Machines 144 (2), 184 (3), 240 (5), 191, 239 (6), 184 (7), 143 (8)
International Controls Corp. 163 (7)
International Electronics Res. Corp. 173 (6)
International Instruments, Inc. 234 (5)
International Light, Inc. 163 (7)
International Res. & Dev. Corp. 216 (6)
Interstate Electronics Corp. 207 (6), 174, 185 (8)
Interstate Engineering Corp. 207 (6), 174, 185 (8)
Intertech, Inc. 205 (8)
Ircon, Inc. 146 (7), 164 (12)
Ithaco, Inc. 166 (12)
ITI Electronics, Inc. 187 (5)
I T & T Corp. 127, 144 (1), 188, 253 (5), 223 (6)
ITT Jennings Radio Mfg. Co. 86 (4)

J

Jackman, Victor 103 (2), 135 (10) (author)
Jackson Dr. Stuart P. 135 (6) (author)
Jacoby-Tarbox Corp. 149 (12)
James Electronics, Inc. 209 (4), 77, 168 (6), 129 (7)
James, Pond & Clark, Inc. 157 (1), 191 (2)
Jamesbury Corporation 87 (4)
Janus Control Corp. 169 (12)
Jarvis, Philip A. 8 (1)
Jerrold Electronics Corp. 199 (6)
JMR Electronics Corp. 173 (2), 158 (12)
Johansson, J. W. 116 (1), 95 (2) (author)
Johns Technology, Inc. 185 (4)
Johnson, William R. 123 (9) (author)
Johnston, J. S. 117 (5) (author)
Johnston, Russell 111 (3) (author)
J-Omega Company 153 (2)
Jonathan Mfg. Co. 36 (1)
Jordan Controls, Inc. 178 (2), 200 (6), 148 (8)
Joslyn Electronic Systems 150 (12)
Journigan, Russell 113 (2) (author)
Julie, Loebe 67 (1) (author)
Julie Research Labs, Inc. 242 (5), 177 (6)

K

Kahn & Co., Inc. 157 (8), 139 (12)
Kaman Aircraft Corp. 55 (2), 180 (6)
Kane Air Scales Co. 147 (1)
Karybakos, C. A. 135 (8) (author)
Kassen Associates, Inc. 170 (8)
Kauffman, J. H. 88 (2) (author)
Kaufman, Edwin N. 129 (4), 97 (9) (author)
Kay Electric Co. 55 (3)
Kay-Ray, Inc. 170 (12)
Kearfott Division 68 (4), 141 (7)
Keckley, O. C. Co. 186 (8)
Keithley Instruments, Inc. 42 (1), 193 (3), 189, 208 (6), 161 (7), 162 (12), 184 (12)
Kekas, D. H. 113 (4) (author)
Kemlon Products & Dev. Co. 148 (8)
Kemp, L. J. 129 (8), 117 (11) (author)
Kennedy Co. 76 (5), 202 (6), 174 (8)
Kepco, Inc. 44 (1), 162 (2)
Kimball, Dorr 119 (3) (author)
Kinelogic Corp. 138 (8)
Kinemotive Corp. 138 (3)
Kingman-White, Inc. 249 (5)
Kin Tel Division 48 (1)
Kistler Instruments Corp. 167 (2)
Kline, Arthur J. 131 (9) (author)
Klinger Scientific Apparatus Corp. 76 (4)
Klipper, Harold 91 (7) (author)
K & M Manometer Control 58 (7)
Knox, Dick 91 (12) (author)
Koide, Frank K. 123 (4) (author)
Kollmorgen Corp. 245 (5)
Kollsman Instruments Corp. 30 (2)
Kraemer, Ken 101 (12) (author)
Krohn-Hite Corp. 218 (5)
Kubitz, Ralph 139 (4) (author)
Kutsay, A. Umit 123 (2) (author)
Kyros Corp. 147 (7)

L

Lab-Line Instruments, Inc. 153 (2)
Lally, R. W. 103 (9) (author)
Lambert, Warren G., Ph.D. 177 (5) (author)
La Motte Chemical Products Co. 130 (1)
Landis & Gyr, Inc. 165 (1), 196 (3), 191 (4), 184, 193 (6)
Langley, Lawrence W. 149 (5) (author)
Larson Aero Division 150 (1), 202 (5)
Larson, Ralph H. 105 (10) (author)
Lash Mfg., Inc. 154 (7)
Lavon, H. 10 (8)
Lawrence Systems Corp. 162 (3)
Leach Corp. 190, 243 (5), 212, 224 (6), 170 (12)
Lear Siegler, Inc. 150 (1), 148 (2), 161, 182 (4), 184 (7)
Lebow Associates, Inc. 127 (1)
LeCroy Research Systems Corp. 161 (12)
Ledeen, Inc. 174 (4)
Leeds & Northrup Co. 50, 156 (1), 139, 166 (2), 138 (3), 84, 152, 154, 174 (4), 169, 232 (6), 170 (12), 185 (12)
Lehigh Valley Electronics Engineering & Manufacturing Co., Inc. 190 (3)
Leone Engineering Co. 143 (1)
Leone, Otto J. 13 (3)
Leppert, C. J. 10 (3)
Lerner, Arthur M. 117 (4) (author)
Leslie Co. 209 (6)
Leupold & Stevens Instruments, Inc. 20 (2)
Levi, Richard 143 (6) (author)
Levy, Dr. Gabor B. 101 (7) (author)
Lewis Engineering Co. 154 (4)
Lindgren, R. W. 107 (6) (author)
Lion, Kurt S. 157 (6) (author)
Littel-fuse, Inc. 204 (4)
LKB Instruments, Inc. 150 (8)
Lockheed Aircraft Corp. 64 (4)
Lockheed Electronics Co. 18, 30, 52 (2), 82 (3), 64 (4)
Loftin, Ronald L. 115 (3) (author)
LTV Ling Altec, Inc. 49 (1)
Lube Devices, Inc. 52 (7)
Lucas, Paul 119 (4) (author)
Luppold, D. S. 107 (12) (author)
LVC Industries 163 (1), 166 (4)
Lynch Corp. 138 (1), 71 (2), 148 (3)

M

Machinery Electrification, Inc. 155 (1)
Mack Co. 178 (12)
Mackenzie Labs 215 (4)
MAC Panel Co. 227 (6)
Macrosonics Corp. 235 (6), 188 (8)
Maddox, G. A. 91 (9) (author)
Madison Labs, Inc. 56 (1)
Magna Corp. 72 (8), 139 (12)
Magnaflux Corp. 139 (3), 212 (6)
Magnetic Media Corp. 144 (8)
Magnetrol, Inc. 36 (1), 60 (3)
Manufacturers Engineering & Equipment Corp. 192, 197 (4)
Marconi Instruments Ltd. 187 (12)
Marksmen, Inc. 146 (7), 162 (8)
Marotta Valve Corp. 195 (6), 152 (12)
Marsh Instrument Co. 132 (12)
Marshall, Richard 8 (1)
Martin-Decker Corp. 176 (2), 193 (3), 197 (4), 227 (5)
Martin Sweets Co. 146 (3), 192 (4)
Martin, T. D. 165 (5) (author)
Marwell, E. M. 91 (1) (author)
Maser Optics, Inc. 55 (3)
Master Specialties Co. 204 (4), 64 (8)
Master, Raymond C. 107 (9) (author)
Mathatronics, Inc. 148 (1), 56 (2), 143 (3)
Maury Microwave Corp. 170 (8)
Maxey, J. 8 (7)
Mazouch, Charles H. 101 (9) (author)
Mazzeo, Blos 125 (6) (author)
McCarty, William F. 147 (5) (author)
McDonnell & Miller, Inc. 70 (4)
McEvoy, J. E. 105 (3) (author)
McFadden Electronics Co. 157 (3)
McGuire, James E. 115 (2) (author)
McKee-Pedersen Instruments 156 (12)
Mechanics for Electronics, Inc. 169 (4)
Mechmetals Corp. 162 (3), 136 (12), 162 (12)
Mec-O-Matic, Inc. 153 (2)
Medistor Instrument Co. 58 (2), 184 (3)
Melabs 160 (2), 253 (5)
Melcor Electronics Corp. 148 (7)
Melpar, Inc. 49 (1)
Memorex Corp. 169 (6)
Mercoid Corp. 163 (1), 171 (7)
Meriam Instrument Co. 157 (2), 168 (3)
Merrick Scale Mfg. Co. 175 (2)
Merrill, Jr., Harvey B. 77 (8) (author)
Metal Bellows Corp. 56 (1), 203 (4)
Metals & Controls, Inc. 218 (6)
Metavac-Lenscore Corp. 160 (12)
Methods Mfg. Corp. 199 (4)
Methods Research Corp. 227 (6)
Metrix Instrument Co. 146 (7)
Metro Instruments 192 (2)
Metron Instruments, Inc. 44 (2), 206 (4)
Metro-Physics, Inc. 147, 209 (8)
Micom 170 (8)
Microdyne, Inc. 144 (8)
Micro Instruments Co. 168 (3), 191 (4), 206 (5)
Micro Pump Corp. 237 (5)
Micro State Electronics Corp. 203 (4)
Micro Switch Div. 227 (5), 195 (6), 56 (7)
Micro-Systems, Inc. 173 (7), 138 (8)
Micro Tek Instruments, Inc. 157 (2)
Micro-Tel Corp. 192 (4)
Microdot, Inc. 32 (1), 51, 139 (2), 188 (4), 185 (7)
Microwave Associates, Inc. 177 (8), 155 (12)
Microwave Electronics Corp. 84 (4)
Microwave Instruments Co. 193 (2)
Midwestern Instruments, Inc. 56 (2)
Milgo Electronic Corp. 180 (2), 140 (8)
Milletron, Inc. 64, 145 (3), 207 (5)
Millivac Instruments, Inc. 184 (8)
Milton Roy Co. 178 (2)
Minarik Electric Co. 209 (6)
Minco Products, Inc. 180 (3)
Mine Safety Appliances Co. 209 (6)
Minnesota Mining & Mfg. Co. 135 (12), 155 (12)
Miratel Electronics, Inc. 143 (1), 166 (2), 209 (4), 229 (6)
Missimers, Inc. 161 (2), 152 (3)
Missouri Research Labs, Inc. 175 (4), 205 (8)
Mitchell, J. D. 119 (7) (author)
Mitori, Robert 141 (9) (author)
Model Engineering & Mfg. Corp. 189 (2)
Modular Instrument Co. 200 (5)
Monitor Mfg., Inc. 147 (7)
Monroe Electronics, Inc. 189 (6)
Moog, Inc. 18 (2), 236 (5)
Moore Associates, Inc. 52 (2), 251 (5), 126, 150 (7), 140 (12), 187 (12)
Moore Products Co. 74 (5), 60 (7)
Moore, W. Cullen 131 (9) (author)
Morehouse Instruments Co. 175 (3)
Morgan Co., R. A. 189 (8)
Morrison, Robert L. 99 (3) (author)
Motorola, Inc. 216 (5)
Motorola Instrumentation & Control, Inc. 216 (5)
Motorola Semiconductor Products, Inc. 154, 183 (2), 194 (3), 204 (4)
Mt. Hope Machinery Co. 56, 168 (2)
Moy, James H. 10 (3)
Muirhead Instruments, Inc. 84, 211 (6)
Mukhaihata, T. 131 (10) (author)
Muller, J. T. 125 (10) (author)
Murphy, Frank W. Mfg. Inc. 153, 172 (4)

N

Nanigian, Jacob 93 (5) (author)
Nanmac Corp. 50 (1), 186 (2)
Nanosecond Systems, Inc. 143 (12)
Napco Chemical Co. 145 (2)
Natel Engr. Co., Inc. 145 (7)
National Electronics, Inc. 183 (2)
National Instrument Labs, Inc. 157 (8)
National Sonics Corp. 209 (4)
National Tank Co. 189, 191, 194 (2), 145 (3), 190 (4), 202, 252 (5)
Navigation Computer Corp. 191 (2)
Neff Instruments Corp. 148, 186 (2)
Nelson-Ross Electronics 153 (7)
Nelson, D. Dale 127 (5) (author)
Neptune Meter Co. 142 (3), 68 (7)
Neslab Instruments, Inc. 181 (7)
Nester/Faust Mfg. Corp. 149 (1), 75 (6), 158 (8)
New York Air Brake Co. 67 (2), 62 (3), 143 (7), 143 (8)
Newage Industries, Inc. 217 (5), 144 (8)
Newport Labs, Inc. 139 (7)
Newtek, Inc. 62 (4), 245 (5)
Nexus Research Lab, Inc. 16 (2), 197 (4)
Nikon Inc. 178 (7)
Noller Control Systems, Inc. 71 (5)
Norbatrol Electronics Corp. 71, 198 (5), 161 (7), 164 (8), 167 (12), 179 (12)
Norgren Co., C. A. 139 (7), 143 (12)
Nortech Corp. 148 (2)
North American Aviation, Inc. 87 (5)
North Atlantic Industries, Inc. 155 (12)
North Hills Electronics, Inc. 150 (1), 195 (2), 210 (4), 198 (5)
Northeastern Engineering, Inc. 149 (12), 151 (12)
Northern Scientific, Inc. 186 (4)
Nourse, T. M. 89 (4), 15 (6) (author)
Novatronics, Inc. 170 (3)
Nuclear-Chicago Corp. 174 (2), 52 (3), 211 (6), 128 (7), 153 (8)
Nuclear Data, Inc. 137 (7)
Nuclear Measurements Corp. 187 (12)
Nuclear Products Co. 178 (7)
Nuclide Corp. 234 (6)
Numec Instruments & Controls Corp. 188, 207 (8)
Numerical Control Corp. 188, 190 (2)
Nytron, Inc. 175 (7)
Nytronics, Inc. 171 (7)

O

Oak Ridge Technical Enterprises Corp. 164 (8)
Occo Mfg. Co. 205 (6)
Ocean Sonics, Inc. 184 (7)
Ohio Semitronics, Inc. 177 (2)
Ohmart Corp. 194 (4), 237 (6)
Ohr-Tronics, Inc. 145 (3), 177 (4), 172 (8)
Oil & Chemical Equipment Co. 175 (4)
O'Neill, John J. 11 (8)
Optical Electronics, Inc. 160 (12)
Optics Technology, Inc. 192 (2)
OPTOmechanisms Inc. 168 (6)
Optron Corp. 180 (4)
Ortec 129 (7)
Osborn, J. R. 147 (5) (author)
Oster, John, Mfg. Co. 91 (5)
Owens, Lloyd 79 (7) (author)
Ozaki, H. T. 147 (6) (author)

P

Pace Controls Corp. 194 (2)
Pace Engineering Co. 178 (3), 207 (5), 161 (7)
Pacific Communications & Electronics, Inc. 190 (4), 151 (12)
Pacific Data & Controls 177 (4)
Pacific Measurements, Inc. 168 (12)
Pacific Photometric Instruments 172 (2), 168 (12)
Packard Bell 135 (1)
Packard Instrument Co., Inc. 132 (12)
Pall Corp. 196 (6), 143 (7), 162, 177, 204 (8)
Pall Trinity Micro Corp. 32, 65 (2), 147 (3), 80 (4)
Panametrics 198 (4)
Papenoe, Charles H. 121 (10) (author)
Parabam, Inc. 168 (4), 172 (7), 169 (12)
Paragon Electric Co., Inc. 211 (4), 244 (5)
Parsons, Ralph M. Electronics Co. 261 (5)
Partlow Corp. 207 (4)
Pastoriza Electronics, Inc. 198 (3), 176 (4), 192, 196 (6), 151 (7)
Paterson Co., Inc., Stuart D. 200 (4)
Paxton-Mitchell Co. 173 (7), 165 (8)
Peco Corp. 219 (6)
Peel, James A. 97 (11) (author)
Penn. Controls, Inc. 201 (8)
Pennwood Numechron Co. 183 (7)
Perfection Mica Co. 206 (8)
Perkin-Elmer Corp. 173 (3), 193 (4), 180 (6)
Perkins Electronics Corp. 54 (1)
Perrine, Eugene B. 127 (2) (author)
Peschel Instruments, Inc. 230 (6)
PH Electronics 215 (5)
Philadelphia Gear Corp. 24 (2)
Philadelphia Scientific Glass Co., Inc. 188 (2), 190 (6)
Philadelphia Thermometer Co. 199 (3)
Philbrick Researches, Inc. 157 (2), 165 (12), 166 (12)
Philco Corp. 159 (1), 24, 193 (2), 191 (5), 175, 185 (7)
Phillips, Mabry S. 85 (11) (author)
Phipps & Bird, Inc. 188 (8)
Photo-Optical Instruments 130 (12)
Photo-Sonics, Inc. 177 (7)
Photocircuits Corp. 181 (12)
Photocon Research Products 180 (7)
Photron Instrument Co. 172 (8)
Phylatron Corp. 210 (6)
Physical Sciences Corp. 57 (1), 176 (7)
Picker Nuclear 156 (7)
Picker X-Ray Corp. 207 (4)
Pierpont Television Co. 217 (5)
Pioneer Electric & Research Corp. 201 (8)
Pioneer Magnetics, Inc. 165 (12)
Plas-Tech Equipment Corp. 159 (4)
Plug-In Instrument, Inc. 133 (1)
PMF Electronics, Inc. 151 (12)
Poly Science Corp. 178 (7)
Posses Machines Corp. 219 (6)
Post Electronic Products, Inc. 191 (5)
Potter Aeronautical Corp. 193 (6)
Potter & Brumfield Division 138 (3)
Potter Instrument Co., Inc. 198, 212 (4), 245 (5), 186 (6), 183 (8), 148 (12), 183 (12), 187 (12)
Power Instruments, Inc. 176 (7), 179 (12)
Powers Regulator Co. 172, 189 (2)
Prazen Research, Inc. 172 (7)
PRD Electronics Inc. 75 (6)
Precision Instruments Co. 173 (2), 199 (4), 241, 244 (5), 186 (12)
Precision Lamp Engineers 259 (5)
Precision Mechanisms Corp. 56 (4)
Precision Scientific Co. 17 (1), 179 (3)
Precision Scientific Development Co. 130 (7), 184 (12)
Precision Sheet Metal Co., Inc. 196 (8)
Precision Standards Corp., 164 (2), 173, 179 (3), 199 (6)
Presin Co., Inc. 170 (3)
Pressure Products Industrial, Inc. 196 (6)
Price, R. A. 129 (8) (author)
Princeton Applied Research Corp. 205 (5), 205 (6), 129 (7)
Probescope Co., Inc. 181 (5)
Pro-Technology, Inc. 142 (2), 201 (4)
ProTec, Inc. 152 (8)
Protective Closures Co., Inc. 140 (8)
Protectoseal Co. 177 (7)
Proximity Controls, Inc. 217 (6)
Pulsation Controls Corp. 176 (4)
Pulse Engineering 208 (8)
Pyrometer Instruments Co., Inc. 225 (5), 234 (6)
Pyrotector, Inc. 217 (5)

Q

Qualtronics Corp. 171 (4)
Quantum Physics Co. 133 (12)
Quartz Radiation Corp. 185 (12)
Quindar Electronics, Inc. 152 (4)

R

Radiation, Inc. 57, 133 (1), 140 (2), 138, 148, 176 (3), 177 (7)
Radio Frequency Labs, Inc. 143 (1), 199, 200 (2), 190, 196, 198, 206, 225 (6)
Ramaley, David 73 (1) (author)
Ramapo Instrument Co., Inc. 232 (6)
Ramcon Corp. 172 (4), 190 (6), 159 (7)
Rantec Corp. 135 (7)
Ray, Elmer F. 147 (9) (author)
Raytek, Inc. 58 (2)
Raytheon Co. 195 (3), 203 (4), 257 (5), 62 (7), 173 (8)
Raytheon Computer 58 (2), 64 (7)
RC-95, Inc. 147 (3)
RdF Corp. 44 (2)
Reactor Controls, Inc. 135 (12)
Redcor Corp. 22 (1), 178 (3), 157 (4), 169 (7)
Redington Counter, Inc. 199 (4), 197 (8)
Reeves Industrials, Inc. 246 (5)
Reeves Instrument Co. 138 (3)
Reich, Sy 101 (10) (author)
Reico Products, Inc. 160 (7)
Reliance Electric & Engineering Co. 48 (1), 137, 186 (2)
Resdel Engineering Corp. 198 (6)
Research Associates, Inc. 198 (4)
Research, Inc. 58, 73, 181 (3), 206 (6), 183 (8)
Revere Corp of America 142 (3), 68 (7)
Reynolds Equipment Co. 189 (9)
RFS Engineering Co. 134 (7)
Rheem Electronics 57 (1)
Rietveld, B. J. 13 (3)
Riley, J. V. 127 (11) (author)
RO Associates, Inc. 140 (1), 172 (7)
Roberts, P. S. 131 (10) (author)
Robertshaw Controls Co. 23 (2), 76 (6), 64 (7), 54 (12)
Robicon Corp. 238 (5), 217 (6), 171 (4), 168 (12)
Robins Data Devices, Inc. 171 (7)
Robins Industrials Corp. 171 (7)
Robinson-Halpern Corp. 238 (5), 74 (6), 166 (7), 174 (8)
Robotron Corp. 170 (3), 211 (4)
Roccanova, Barbarto T. 89 (3) (author)
Rochester Instrument Systems, Inc. 149 (12)
Rockwell Mfg., Co. 91 (5), 147 (12), 181 (12), 182 (12), 185 (12)
Rollin Mfg. Co. 225 (5)
Rollins, T. J. 165 (5) (author)
Roma Industrial Heater Co. 152 (8)
Ronningen-Petter Co. 175 (7), 62 (8)
Rontec Corp. 172 (2), 156 (3)
Rosemount Engineering Co. 163 (2), 175 (6)
Ross-Martin Co. 225 (5)
Ross, Frank L. 80 (1) (author)
Rotron Mfg. Co., Inc. 151 (1), 193 (4), 194 (8)
Royal Typewriter Co. 184, 252 (5)
RS Electronics Corp. 249 (5), 141 (12)
Rudisill, Deitz A. 203 (4)
Ruska Instrument Corp. 198 (6)
Rustrak Instrument Co., Inc. 193 (2), 178 (3), 215 (5), 152 (7), 187, 161, 164 (8)
Rycom Instruments, Inc. 171 (7)

S

Sabre Industries, Inc. 246 (5)
Sanders Associates, Inc. 126 (7)
Sargent & Co., E. H. 238 (6)
Saunders, Wm. F. 127 (6) (author)
Scam Instrument Corp. 172 (2), 135 (7)
Scanivalve, Inc. 184 (2)
Schaevitz Engineering 182 (3), 155, 173, 189, 186 (8)
Schaub-Engineering Co. 60 (3)
Schenck Machinery Corp. 197, 225 (5)
Schipper, Robert 101 (3) (author)
Schoeffel Instrument Co. 161 (3)
Schultz Engineering Corp. 144 (3)
Schutte & Koerting Co. 218 (6)
Scientific Advances, Inc. 174 (2), 161 (7), 165, 168, 186 (8)
Scientific-Atlanta, Inc. 144, 159 (3)
Scientific Data Systems, Inc. 72, 234 (5), 233 (6), 62 (8), 64 (12)
Scientific Industries, Inc. 57 (1)
Scientific & Process Instruments Division 130 (1), 166 (3), 206 (5)
SCM Corp. 238 (5)
Scott-Engineering Sciences, Corp. 181 (7)
Scott Industries, Inc. 181 (7)
SDS Data Systems 233 (6)
Sealectro Corp. 51, 133, 151 (1), 141, 161, 169, 174 (2), 144, 159, 172, 195 (3), 157, 169, 173, 206, 213, 214 (4), 183, 212, 222 (5), 193 (6), 153, 162, 173 (7), 153, 167, 173, 178, 184, 194, 205 (8)
Seaton-Wilson Mfg. Co. 189 (8)
Secode Corp. 210 (6)
Seegers Instruments Co. 26 (1), 226 (5), 175 (12)
Selas Corp of America 51, 157 (1), 51 (3)
Selleck, J. E. 83 (11)
Sensitak Instrument Corp. 163 (7)
Sequential Electronic Systems, Inc. 173 (7)
Servo Corp of America 181 (5), 182 (12)
Servonic Instruments, Inc. 166 (8)
Shafer, John F. 73 (1) (author)
Shallcross Mfg. Co. 200 (3)
Sheffield Corp. 82 (4), 213 (6), 175 (7)
Shepard Labs, Inc. 225 (6)
Sigma Instruments, Inc. 136 (7)
Sigma-Nectics Inc. 51, 143 (2)
Simon Associates Inc., S. I. 200 (6)
Simon, S. I. 117 (8) (author)
Simpson Electric Co. 197 (5), 135 (7), 178, 184 (8)
Simson, J. P. 115 (9) (author)
Singer Co. 50, 56 (1), 152, 173, 200 (4), 197, 199, 205 (5), 235 (6), 165 (7)
Skinner Precision Industries, Inc. 206 (5), 155 (8)
Sloan Instruments Corp. 202 (6)
Smith Kline & French Labs 193 (8)
Smith Corp., A. O. 182 (2), 166 (7)
Smith, Norman D. 123 (8) (author)
Smiths Aviation Division 178 (8)
Smiths Industrials Limited 166 (8)
Smyth Research Associates 198 (8)
Snyder, C. J. 87 (12) (author)
Snyder, Eugene F. 101 (5) (author)
Sola Basic Industries, Inc. 142, 149, 177 (2), 190, 201 (3), 131 (7)
Solid State Electronics Corp. 135, 167 (1)
Solidstate Controls, Inc. 67 (2)
Sonex, Inc. 261 (5), 156 (8)
Sonic Engineering Corp. 255 (5)
Sony Corp of America 131 (12)
Sostman, Henry E. 117 (10) (author)
Southwestern Industries, Inc. 159 (42)
Sparton Corp. 212 (5)
Sparton Southwest, Inc. 212 (5), 176 (12)
Spectra-Physics, Inc. 192 (6), 156 (8), 152 (12)
Spectra-Strip Corp. 187 (2), 195 (5), 181 (8), 156 (12)
Spectrum Electronics Corp 170 (3)
Sperry Gyroscope Co. 163 (7)
Sperry Microwave Electronics Co. 183 (12)
Sperry Rand Corp. 140, 190 (3), 190 (5), 168, 211 (6), 163 (7), 188 (8)
Spitalny, Arnold 10 (4)
Sprague Electric Co. 66 (7)
Sprengnether Instrument Co., W. F. 209 (8)
Springfield, Redwood R. 133 (5) (author)
Squareline Controls Co. 194 (5)
Standard Controls, Inc. 183 (4)
Standard Instrument Corp. 53 (1)
Standard Kollsman Industries, Inc. 30 (2)
Standard-Thomson Corp. 60, 72 (8)
Stark, Kenneth W. 101 (4) (author)
Statham Instruments, Inc. 135, 153 (1), 138, 168 (3), 184 (4), 93, 178 (6), 157 (8)
Stavis, G. 99 (2) (author)
Stein, Maurice I. 113 (10) (author)
Stein, Peter 124 (12) (author)
Steinberg, Marvin I. 121 (5) (author)
Sterling Electric Motors, Inc. 126 (7)
Stoelting Co., C. H. 58 (2), 188 (3)
Story, E. J. 105 (11) (author)
Stout Profimatics, Inc., T. M. 8 (6)
Strainsert Co. 183 (7), 154 (8)
Struch, Charles R. 161 (5), 11 (8)
Sturman, J. C. 101 (8) (author)
Sub-Zero Products, Inc. 147 (2)
Superior Electric Co. 60 (3), 215 (5), 154 (7)
Superior Tube Co. 213 (4), 194 (5), 126 (7), 204 (8)
Sutcliffe, Jack 121 (5) (author)
Sviokla, S. Charles 87 (7) (author)
Sweeney Mfg. Co., B. K. 173 (4)
Sylvania Electric Products, Inc. 75 (4), 195 (5)
Systematics of Missouri, Inc. 195 (5)
Systems Engineering Labs, Inc. 140 (1), 175 (2), 202 (4), 134, 173 (7)
Systems, Inc. 146 (12)
Systron-Donner Corp. 17 (1), 137 (2), 201 (4), 169 (7), 153 (8)

T

Taber Instruments Corp. 141 (3)
Tally Corp. 22 (2), 186 (4), 72 (5)
Tamar Electronics, Inc. 183 (4)
Tann Controls Corp. 167 (8)
Task Corp. 187 (2)
Tasker Instruments Corp. 158 (8)
Taurus Corp. 165 (2), 200 (5), 215 (6), 13 (7), 164 (8)
Taylor, G. G. 75 (12)
Taylor Instrument Cos. 128 (1) (author)
Teal Engineering Corp. 151 (1), 146 (3)
Teale, Willis E. 127 (3) (author)
Tech Labs, Inc. 180 (8)
Techne (Princeton) Ltd 196 (2)
Techni-Rite Electronics, Inc. 184 (2)
Technical Measurement Corp. 178 (4), 130 (7), 166, 190, 196 (8)
Technifast Products Co. 129 (1)
Technology, Inc. 192 (3), 143 (12)
Tektronix, Inc. 48, 53, 140 (1), 54, 159, 163, 169, 185 (2)
Tel-Com Instruments, Inc. 197 (8)
Teledyne Analytical Instruments 182 (8), 147 (12)
Teledyne Analytical Systems 212 (5)
Teledyne Industries 179 (8)
Telemetry Co. 145 (12)
Teletype Corp. 131 (12)
Telonic Industries, Inc. 202 (4), 208 (5)
Tempo Instruments, Inc. 71 (5)
Temtech 159 (1), 143 (3), 170 (7)
Tescom Corp. 168 (4), 161 (12)
Texas Instruments, Inc. 218 (6), 176 (12)
Texscan Corp. 226 (5), 140 (7), 140 (12), 154 (12)
Textron Electronics, Inc. 162 (2), 172 (4)
Textron, Inc. 180 (2), 210 (5)
Ther Electric & Machine Works 187 (8)
3M Co. 179 (2), 193 (5)
Thermal Industries of Florida 171 (7)
Thermal Systems, Inc. 165 (4), 203 (6)
Thermo-Electric Co., Inc. 169 (2), 143 (3), 105 (4), 87, 211 (5), 238 (6), 130, 132 (7), 179 (8), 136 (12)
Thermogage, Inc. 208 (4)
Thermo-Systems, Inc. 180 (3), 192 (5)
Theta Instrument Corp. 153 (1), 190 (2), 56, 146 (3), 195 (6), 54 (8), 176 (12), 183 (12)
Thwing-Albert Instruments Co. 169 (6)
Tilton, Homer B. 83 (8) (author)
Time-Trol, Inc. 142 (12)
TN Tronics 191 (3)
Toledo Scale Corp. 212 (4)
Tor Mfg. Co. 53 (1)
Towson Labs, Inc. 142 (3)
Transco Motor Mfg., Inc. 52 (1)
Transducer Measurement Co. 144 (12)
Transformers Engineers, Inc. 187 (2)
Transitel International Corp. 215 (6)
Transistor Specialties, Inc. 208 (4), 191 (5)
Transmation, Inc. 175 (8)
True-Cut Products, Inc. 131, 172 (7), 133 (12)
Trump-Ross Industrial Controls, Inc. 208 (4), 211 (5), 152 (12)
Trundle, III, A. S. 105 (11) (author)
TRW Equipment Operations 223 (5)
TRW Instruments 20 (2), 186 (4), 68 (8), 52 (12)
Trygon Electronics, Inc. 159, 161, 185 (2), 172 (6)
Trymac, Inc. 155 (7)
Trymetrics Corp. 143 (3)
T & T Controls Co. 174 (2), 158, 197 (3), 154 (4), 158 (7), 139 (12)
Tung-Sol Electric, Inc. 152 (2)

U

Ultra-Violet Prods, Inc. 181 (4)
UMI, Inc. 197 (8)
Unico Controls, Inc. 167 (8)
United Aircraft Corp. 236 (6), 158 (7)
United Computer Co. 175 (4), 175 (8)
United Electric Controls Co. 71, 206 (5), 187 (8)
United Gas Corp. 190 (8)
U. S. Electrical Motors 155 (1), 196 (2)
United Systems Corp. 143, 158 (2), 155 (4)
Union Carbide Electronics 160 (3)
Uson Corp. 148 (3)

V

Vacon, Inc. 220 (6)
Vactronic Lab Equipment, Inc. 172 (7)
Vacuum Accessories Corp. of America 165 (12)
Vacuum Ceramics, Inc. 155 (1)
Vacuum Instrument Corp. 139 (3), 54 (8), 157 (12)
Valcor Engineering Corp. 195 (3)
Valid Data Corp. 140 (3), 178 (8)
Van Products Co. 55, 56 (2)
Van Schelt, R. A. 75 (12) (author)
Vanguard Instrument Corp. 237 (1)
Vapor Corp. 188 (2), 66 (4)
Varec, Inc. 51 (2)
Varian Associates 131 (1), 187 (6), 209 (8), 145 (12)
Veeco Instruments, Inc. 64, 169 (4), 54 (8)
Veeder-Root, Inc. 48 (1), 156 (2), 189, 201 (8)
Ventura Scientific 160 (1)
Veri-Tech Co. 165 (2)
Versi Therm, Inc. 188 (8)
Vermont Research Corp. 188 (4)
VGC Instruments, Inc. 190 (8)
Viatran Corp. 157 (12)
Vibration Switch, Inc. 178 (8)
Vibrionics, Ltd. 166 (7)
Vickers, Inc. 140, 190 (3)
Victor Comptometer Corp. 176 (2), 133, 139, 162 (7)
Victor Equipment Co. 42 (1), 162 (7)
Victor Mfg. & Gasket Co. 187 (2)
Victoreen Instruments Co. 141, 154 (1), 159 (3), 76 (4), 184 (8)
Victory Engineering Corp. 90 (5)
Video-Gard Corp. 213 (6)
Voland Corp. 139 (3), 187 (4)
Voltron Products, Inc. 188, 202 (4), 156 (7), 158, 179 (8)
Volumetrics 141 (1), 141, 198 (3), 152, 176 (4), 203 (6), 157, 206 (8)
Vulcan Electric Co. 220 (6), 162 (7)

W

Walker, Richard K. 141 (10) (author)
Wallace & Tiernan, Inc. 172 (7)
Walsh, R. L. 147 (6) (author)
Walton, John 109 (2) (author)
Walworth Co. 200 (6)
Walz, P. F. 97 (7) (author)
Wang Labs, Inc. 187 (4), 235 (6), 178 (12), 183 (12)
Wanlass Electric Co. 142, 184 (2)
Warner & Swasey Co. 142 (7)
Warner Electric Brake & Clutch Co. 194 (2), 226 (7), 56 (12)
Waters Associations, Inc. 187 (8)
Watkin, Tony D. 161 (6) (author)
Waugh Controls Corp. 159 (8)
Wavetek 187 (4)
Wayne-George Corp. 17 (1)
Waxman, A. 107 (7) (author)
Wayne Kerr Corp. 182 (2), 225 (6), 131 (12)
Webb, Edwin Y. 105 (4) (author)
Weers, D. D. 87 (12) (author)
Weible, C. J. 13 (2)
Weinmann, Raymand A. 81 (8) (author)
Weinschel Engineering Co., Inc. 72 (2), 56 (4), 133 (7)
Weksler Instruments Corp. 47 (1), 166 (7)
Welch Scientific Co. 148 (3)
WER Industrial Corp. 170 (7), 174 (12)
West Coast Research Corp. 148 (12)
West Instrument Corp. 165 (2), 51 (3), 206 (4), 211 (5), 181 (6)
Western-Boonshaft & Fuchs Division 194, 200 (5), 168 (6)
Western State Eliminator Co. 145 (12)
Western Telematic, Inc. 208 (6), 156 (7)
Westinghouse Electric Corp. 167 (1), 181, 194 (3), 197 (4), 213 (6), 138, 164, 183 (7), 176, 180, 207 (8), 175 (12)
Weston Instruments, Inc. 178, 189 (4), 194, 200 (5), 168 (6)
White, Jr., Arthur F. 101 (4) (author)
White, Howard 95 (6) (author)
White, J. P. 113 (5) (author)
Whitford Chemical Corp. 75 (4)
Whittaker Corp. 141 (1), 156 (12)
Wiegand Co., Edwin L. 82 (4)
Wiggins, Inc. 220 (6)
Wild Heerbrugg Instruments, Inc. 218 (5)
Wilkerson Corp. 158 (3), 249 (5), 204 (6), 68 (8)
Williams, SM Sgt. John C. 115 (7) (author)
Williams, Sidney B. 81 (12) (author)
Winsco Instruments & Controls Co. 160 (1), 147, 176 (3), 261 (5)
Winston Research Corp. 194, 210 (4), 260 (5), 78 (6)
Wipper, Richard C. 137 (9) (author)
Worcester Valve Co., Inc. 35 (1)
Woron, R. P. 127 (11) (author)
Worthington Controls Co. 177 (3)
Wright Components, Inc. 174 (12)
Wyle Labs 189 (4), 236, 245 (5), 72, 74 (6), 193 (8)

X

Xenon Corp. 178 (7)
Xerox Corp. 164 (1), 258 (5), 183 (7), 201 (8)
Zwart, Herman C. 95 (8) (author)

Y

Yeiser Labs 184 (8)
Yerman, A. J. 93 (3) (author)

Z

Zeltex, Inc. 47 (1), 155, 189 (4), 244 (5), 170 (7)
Zero-Max Co. 174 (2)
Ziemke, M. C. 101 (5) (author)
Zott, John Jr. 137 (9) (author)

BOOKS—SUBJECT

Airmatic Application Fundamentals and Circuitry Handbook 12 (5)
Analog Computation and Simulation 13 (5)
Anti-Friction Bearings 13 (5)
Applied Combination Mathematics 13 (5)
Applied Dosimetry 221 (10)
Approximate Analysis of Randomly Excited Nonlinear Controls 222 (10)
Automata Theory 222 (10), 202 (12)
Automatic and Remote Control 12 (5)
Basic Automatic Control Theory 202 (12)
Basic Electricity for Electronics 221 (10)
Basic Instrumentation, Industrial Measurement 222 (10)
Basic Matrix Analysis and Synthesis 243 (9)
Behavior of Metals Under Impulsive Loads 219 (2)
Cable Installation Handbook 222 (10)
Cle des schemas electriques (Key to Electrical Diagrams) 241 (9)
Coalescing of Fluids Through Porous Material 12 (5)
Combustion Engineering 202 (12)
Communications Electronics Circuits 243 (9)
Components for Pneumatic Instruments 12 (5)
Computer Control of Industrial Processes 12 (5), 243 (9)
Computer Dictionary and Handbook 243 (9)
Computer Programming 13 (5)
Computer Typesetting, Experiments and Prospects 241 (9)
Definitions of Regulator Capacities 241 (9)
Design of Production Systems, The 222 (10)
Dictionary of Electrical Abbreviations, Signs and Symbols DEIA 221 (10)
Dictionary of Electronics 243 (9)
Dictionary of Electronics Abbreviations, Signs and Symbols DEA 221 (10)
Dictionary of Physics and Mathematics Abbreviations 243 (9)
Digital Computer Fundamentals 12 (5)
Digital Computer Theory 222 (10)
Electrical Energy by Direct Conversion 222 (10)
Electrodynamics 219 (2)
Electron Microprobe, The 222 (10)
Electronic Circuit Design Handbook 221 (10)
Electronic Drafting and Design 221 (10)
Electronic Engineering Measurements Filebook 241 (9)
Electronic Information Handling 219 (2)
Encyclopedia of Engineering Signs and Symbols 241 (9)
Engineers' Relay Handbook 222 (10)
Estimation Theory 241 (9)
Facts Without Opinion 12 (5)
Field-Effect Transistors 221 (10)
Filtration for Hydraulic Fluid Power Systems 219 (2)

Fundamental Analogue Techniques 222 (10)
Handbook of Chemistry and Physics 12 (5)
Handbook of Differential Thermal Analysis 222 (10)
Handbook of Electronic Charts and Nomographs 221 (10)
Handbook of Electronic Circuits 202 (12)
How to Become a Professional Engineer 243 (9)
Industrial Fluid Power Text, Vol. 1 13 (5)
Industrial Research Laboratories of the United States 12 (5)
Infra-red Instrumentation and Techniques 202 (12)
International Tracts in Computer Science and Technology and Their Application, Vol. 13 12 (5)
Introduction to Cybernetics 202 (12)
Introduction to Data Processing 241 (9)
Introduction to Fluid Mechanics 202 (12)
Introduction to Space Science 12 (5)
Introductory Nuclear Theory 222 (10)
Ionospheric Radio Propagation 222 (10)
Laboratory and Workshop Notes 12 (5)
Leybold Vacuum Handbook 202 (12)
Lunar and Planetary Surface Conditions Supplement 2 of Advances in Space Science and Technology 219 (2)
Materials Data Nomographs 243 (9)
Measure for Progress—A History of the National Bureau of Standards 202 (12)
Mechanisms, Linkages and Mechanical Controls 12 (5)
Mechanicals of Machines 222 (10)
Metallurgy of Rare Metals 202 (12)
Metrolgie General (general metrology) 241 (9)
Microelectronics Fabrication 1966-67 222 (10)
Microwave Tube Characteristics Tabulation 12 (5)
Modulation Systems and Noise 13 (5)
National Electrical Code 1965 13 (5)
Neutron Detectors 202 (12)
Nuclear Electronics 202 (12)
Optimal and Self-Optimizing Control 222 (10)
Performance Rating 241 (9)
Photometry 219 (2)
Physical Acoustics 219 (2)
Plant Operator's Manual 12 (5)
Portland Cement Technology 222 (10)
Power Supply Handbook 12 (5), 241 (9)
Practical Guide to Fluid Power 243 (9)
Principles of Communication Engineering 12 (5)
Principles and Design of Linear Active Circuits 13 (5)
Principles of Radiation Protection Engineering 13 (5)
Radio Astronomy 222 (10)
Random Processes in Nonlinear Control System 219 (2)
RCA Silicon Controlled Rectifier Experimenter's Manual 12 (5)
Scientific Papers of James Clerk Maxwell, The 243 (9)
Selected Papers on Mathematical Trends in Control Theory 13 (5)
Selected Papers on Semiconductor Microwave Electronics 13 (5)
Semiconductor Diode and Silicon Controlled Rectifier Characteristics Tabulation 12 (5)
Standard Mathematical Tables 12 (5)
Synchro Engineering Handbook 243 (9)
Syntax-Oriented Translator, A 222 (10)
Theory of Elasticity and Plasticity 219 (2)
Thermostatic Control, Principles and Practice 221 (10)
Third Annual Conference on Energy Conversion and Storage 12 (5), 13 (5)
Threshold Logic 13 (5)
Transistors: Principles and Applications 241 (9)
Transmission-Line Theory 219 (2)
Vibrations: Theoretical Methods 222 (10)

BOOKS—AUTHORS

Adams, Jr., Norman Ilsey 219 (2)
Aglintsev, K. K. 221 (10)
Airmatic Valve, Inc. 12 (5)
Ameco Engineering Corp. 222 (10)
Annand, W. J. D. 222 (10)
Arnold, Robert R. 241 (9)
Barnett, Michael P. 241 (9)
Barrett, Richard S. 241 (9)
Bassiere, M. 241 (9)
Batchelor, J. H. 243 (9)
Beckenbach, Edwin F. 13 (5)
Bellman, Richard 13 (5)
Bennett, Charles O. 12 (5)
Birman, Paul 241 (9)
Broida, Prof. Dr. Victor 12 (5)
Buchanan, William W. 12 (5)
Bukhman, V. Ye. 12 (5)
Caianiello, E. R. 222 (10), 202 (12)
Carter, Harley 243 (9)
Castello, P. 241 (9)
Chemical Rubber Co. 12 (5)
Chen, Yu 222 (10)
Chiang, Yao 222 (10)
Chironis, Nicholas P. 12 (5)
Cochrane, Rexmond C. 202 (12)
Constance, John D. 243 (9)
D.A.T.A. 12 (5)
Davies, Kenneth 222 (10)
DeFrance, J. J. 243 (9)
Dertouzos, Michael L. 13 (5)
Deutsch, Ralph 241 (9)
Diels, K. 202 (12)
Downing, John J. 13 (5)
Dresner, Dr. Lawrence 13 (5)
Drummer, G. A. 222 (10)
EEE Magazine 221 (10)
Elmaghraby, Salah E. 222 (10)
Elonka, Stephen M. 12 (5)
Elton, L. R. B. 222 (10)
Feinberg, R. 202 (12)
Fluid Amplifiers 222 (10)
Fluid Controls Institute, Inc. 241 (9)
Fryling, Glenn R. 202 (12)
Gaignebet, E. 241 (9)
Ghausi, Mohammed Shuaib 13 (5)
Glushkov, Viktor M. 202 (12)
Goldstein, Milton 221 (10)
Heinrich, K. F. J. 222 (10)
Henke, Russell W. 202 (12)
Hess, Wilmot N. 12 (5)
Hibberd, R. G. 241 (9)
Hill, Harold C. 241 (9)
Ingerman, Peter Zilahy 222 (10)
International Atomic Energy Agency 222 (10)
Jacobs, Irwin Mark 12 (5)
Jaeckel, R. 202 (12)
Jenness, Roger R. 13 (5)
Johnson, Harwick 221 (10)
Jordan, Jr., George V. 12 (5)
Kalaba, Robert 13 (5)
Kent, Allen 219 (2)
Kepco, Inc. 12 (5)
King, Ronald W. P. 219 (2)
Kirshner, Joseph M. 222 (10)
Kraus, John D. 222 (10)
Krein, O. E. 202 (12)
Kurzrok, Richard R. 13 (5)
Lang, Ruth 12 (5)
Levine, Sumner N. 13 (5)
Linville School of Electrical Engineering, Bill 12 (5)
Litton Industries, Data Systems Div. 12 (5)
Lytel, Allan 221 (10)
Martin, A. E. 202 (12)
Mason, Warren P. 219 (2)
McKinley, T. D. 222 (10)
Middleton, Robert 221 (10)
Miles, V. C. 221 (10)
Morton, Hudson T. 13 (5)
Munro, William D. 13 (5)
Murphy, Gordon J. 202 (12)
Nashelsky, Louis 222 (10)
National Association of Relay Mfr. 222 (10)
National Fire Protection Association 13 (5)
National Fluid Power Association 219 (2), 222 (10)
NFPA Survey—Summary of the Marketing Research Study 1966 222 (10)
Nichols, Alymer V. 251 (9)
Niven, W. D. 243 (9)
O'Higgins, Patrick J. 222 (10)
Oldenburger, Rufus 222 (10)
Page, Leigh 219 (2)
Paul, R. J. A. 222 (10)
Pearson, John 219 (2)
Pervozvanskii, A. A. 219 (2)
Peters, Robert L. 243 (9)
Polon, David D. 241 (9), 243 (9), 221 (10)
Radio Corp. of Amer. 12 (5)
Radioisotope Instruments in Industry and Geophysics 222 (10)
Raskhodoff, Nicholas M. 221 (10)
Reich, Herbert W. 241 (9), 243 (9), 221 (10)
Rinehart, John S. 219 (2)
Robertson, J. Mackenzie 222 (10)
Samsonov, G. V. 202 (12)
Savas, Emanuel S. 12 (5), 243 (9)
School of Electrical Engineering Oklahoma State University 13 (5)
Scrupski, Stephen E. 241 (9)
Sippl, Charles J. 243 (9)
Smith, Harold W. 222 (10)
Smothers, W. J. 222 (10)
Stein, Marvin L. 13 (5)
Stewart, Harry L. 243 (9)
Summers, C. M. 222 (10)
Taulbee, Orrin E. 219 (2)
Upson, A. R. 243 (9)
Volynskii, B. A. 12 (5)
Wallmark, J. Torkel 221 (10)
Walsh, John W. T. 219 (2)
Westergard, H. M. 219 (2)
Weil, Nicholas A. 219 (2)
Witt, J. C. 222 (10)
Wittry, D. B. 222 (10)
Womack Machine Supply Co. 13 (5)
Wozencraft, John M. 12 (5)
Zalmanzon, L. A. 12 (5)
Zelkman, A. N. 202 (12)
Zelinger, G. 243 (9)

INSTRUMENTS AND CONTROL SYSTEMS BOOKS

By the Numbers, by Burton Lehrenbaum. Lighthearted look at the story of numbers, numerals, and numbering systems, and of counting, counters, and counting systems. Veeder-Root, 70 Sargeant St., Hartford, Conn. 06102; 146 pp; paper; 75¢.

Radioisotopes for Aerospace, Part 1: Advances and Techniques, edited by John C. Dempsey and Paul Polishuk. Surveys latest developments in detectors, electronics, radioisotopic sources, nondestructive testing, and the application of radioisotopes to measurement problems, together with advanced research and development work. Publication of the Instruments Society of America. Plenum Publishing Corp., 227 W. 17 St., New York, N. Y. 10011; 439 pp; cloth; $37.50.

Computer Logic Circuit Characteristics Tabulation, Third Edition. Covers a total of 4629 types (including 1298 additions) with a total of 245 outline drawings. D.A.T.A. Inc., 32 Lincoln Ave., Orange, N. J. 07050; 382 pp; paper.

Basic Electronics Course: General Fundamentals; Fundamentals of Electronic Tubes; Semiconductor Devices and Molecular Electronics. 3-part self-study course provides general familiarization with the subject matter for those without specific electronics knowledge; suitable as a refresher course for persons with limited electronics background. Westinghouse Electric Corp., Printing Div., Box 398, Trafford, Pa. 15805; 150 pp; paper; $3.00.

Brazing and Brazing Alloys. Bibliography SP-5026 has been prepared as an aid in identifying and appraising literature on brazing and brazing alloys currently contained in NASA Information Systems. National Aeronautics and Space Administration, Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. 22151; 52 pp; paper; $1.00.

Significant Achievements in Satellite Geodesy 1958-1964 (NASA SP-94). One of a series summarizing the progress made in discipline areas covered by the Space Science and Applications Program of the United States. National Aeronautics and Space Administration, U. S. Government Printing Office, Washington, D. C. 20402; 174 pp; paper; 70¢.

Electronic Testing edited by L. L. Farkas. In a how-to-do-it style and employing a minimum of mathematics, describes major types of electronic equipment, discusses their uses, then indicates methods to align them and test their performance. McGraw-Hill Book Co., 330 W. 42 St., New York, N. Y. 10036; 304 pp; cloth; $12.00.

ASTM List of Publications. A comprehensive list of over 500 of the Association's publications covering knowledge of materials, materials evaluation, and the standardization of methods of test and specifications for materials. American Society for Testing Materials, 1916 Race St., Philadelphia, Pa. 19103; 37 pp; paper.

The Theory and Design of Magnetic Amplifiers by E. H. Frost-Smith. Describes transductor theory, shows how transductors fit into the general pattern of amplifying devices, and deals with the application of transductors to magnetic amplifiers. Barnes & Noble Inc., 150 Fifth Ave., New York, N. Y. 10003; 487 pp; paper; $6.75.

For additional information on items in this book use the reader service card